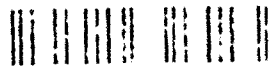


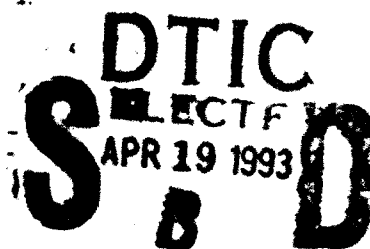
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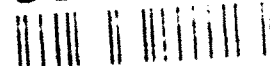
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1. The enclosure is forwarded pursuant to the reference. This catalog provides users with a ready source for reviewing major studies performed within the Marine Corps Studies Program. Included is an alphabetical listing of studies by category, descriptive summaries of each study completed since 1990, and those in an ongoing status.

2. Users of this catalog are encouraged to submit recommended additions, deletions, and any proposed improvements for the catalog to CG, MCCDC (C 453).

C. C. KRULLAK

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MARINE CORPS STUDIES CATALOG

VOLUME V - 1990-1993

CHAPTER 1. INTRODUCTION

1.1. PURPOSE. The purpose of the Marine Corps Studies Catalog is to provide a ready source for reviewing studies and analyses that have been undertaken by the Marine Corps or are directly related to the Marine Corps. The Department of Defense (DoD) central data bank, which is maintained by the Defense Technical Information Center (DTIC), is the main DoD source of information for planned, ongoing, and completed studies and analyses. The Marine Corps Studies Catalog is intended to supplement the DTIC data bank; the DTIC data bank and this Marine Corps Studies Catalog should be consulted prior to the initiation of any Marine Corps study or analysis in an effort to avoid unnecessary duplication of other planned, ongoing, or completed studies and analyses. Volume V of this catalog supplements the previous four volumes which contain study data from 1963 through 1992. Volume V contains updated information on 1990 through 1992 studies whose status was incomplete when the previous volumes were published in addition to 1993 studies. Further information with regard to the Marine Corps studies system is contained in Marine Corps Order P3902.1B.

1.2. DEFINITION OF TERMS. To assist the users of this catalog, the terms used herein are defined below.

a. Studies Control Number (SCN). Study Control Numbers consist of the Marine Corps DTIC accession indicator "DM" for FY 90 and "29" commencing in FY 91, followed by six digits assigned by the Marine Corps Combat Development Command (MCCDC) to track a study from inception to completion. The SCN numbering system has been modified during the period of studies covered by Volume V to conform with DoD standardization guidance. SCN numbering schemes for specific years can be located as described below:

- | | |
|-----------------|------------|
| (1) 1990 | Appendix 1 |
| (2) 1991 - 1993 | Appendix 2 |

b. Center for Naval Analyses (CNA) Number. For those studies and analyses performed by CNA, a CNA number is assigned in addition to the SCN.

c. Title. The full title of the study or analysis.

d. Category. Each study contained in this catalog is listed under one of the following eight categories:

- (1) Concepts and Plans
- (2) Installations and Logistics
- (3) Intelligence
- (4) International Security
- (5) Management
- (6) Manpower and Personnel
- (7) Operations and Force Structure
- (8) Science, Technology, Systems and Equipment

e. Classification. The security classification of the study or analysis.

f. Sponsor. The head of the staff office within HQMC which has primary cognizance over the subject matter contained in the study.

g. Performing Activity. The agency responsible for the actual conduct of the study or analysis. These include MCCDC, CNA, Office of Naval Research (ONR), Navy Systems Commands (NSC), Navy Laboratories, other DoD study activities and civilian contractors.

h. Time Frame. One of the following three time periods which the study problem addresses:

- (1) Short Range. The current year plus one year.
- (2) Mid-Range. The period commencing at the end of the short-range period and projected ten years.
- (3) Long Range. The period commencing at the end of the midrange period and projected ten years.

i. Status. The status of a study is listed in one of the following four categories:

(1) Completed. This indicates the study has been completed and approved for publication.

(2) In progress. The study agency has initiated work on an assigned study and it is ongoing at the time of this catalog's publication.

(3) Staffing. The study has been completed and the final report is undergoing review at the time of this catalog's publication.

(4) Terminated. A study which was initiated, entered into the Defense Technical Information System but terminated prior to completion.

j. **Defense Technical Information Center Number.** The DTIC maintains and disseminates information on all DoD scientific and technical documents. Final reports of all Marine Corps approved studies are to be given to DTIC for inclusion in their data bank and assignment of a DTIC number. Copies of DoD studies can be obtained from DTIC by utilizing the assigned DTIC number. Copies of studies not held by DTIC may possibly be obtained from the sponsor. A DTIC number may have been assigned to a study after publication of this catalog. Required data may be obtained by a title search.

k. **Summary.** The summary is a brief description of the purpose and/or objectives of the study.

1.3. **STUDY LISTINGS.** Chapter 2 of this catalog contains a listing of Marine Corps studies. Study titles are listed alphabetically under one of the eight categories noted in paragraph 1.2.d. above.

1.4. **STUDY SUMMARIES.** Chapter 3 contains summaries of all Marine Corps studies. The summaries are organized by fiscal year and appear in SCN sequence within the fiscal year.

1.5. **SYNOPSIS.** This catalog is a reference publication. Its purpose is to assist the user in obtaining scientific and technical data from the Marine Corps and DTIC and to prevent unnecessary duplication of analytical effort. For further information concerning DTIC resources, call or write:

Defense Technical Information Center
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1.6. **UPDATE.** The Commanding General, Marine Corps Combat Development Command, Quantico, Virginia is responsible for the annual update of this catalog. Additions/deletions and/or recommendations should be addressed to:

Commanding General (C 453)
Marine Corps Combat Development Command
Studies and Analysis Division
3093 Upshur Avenue
Quantico, VA 22134-5130
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CHAPTER 2. STUDY LISTINGS

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2.1. **Purpose.** This chapter provides for a rapid method of locating a Marine Corps study.

2.2. **Organization.** Section II, Listing by Category, lists the Marine Corps Studies and Analyses by category and title. Refer to Chapter 1, paragraph 1.2.d. for the functional area categories used in this catalog.

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CHAPTER 3. STUDY SUMMARIES

3.1. **GENERAL.** The studies contained in this chapter are listed by the fiscal year in which each study was initiated. To find a study by category or mission area, refer to the appropriate section of Chapter 2.

3.2. Fiscal Year 1990

SCN:	DM 900101
Title:	Marine Corps Capabilities
Category:	Operations and Force Structure
Classification:	Unclassified
Sponsor:	HQMC (PP&O)
Performing Activity:	BDM
Time Frame:	Mid-Range
Status:	Terminated February 1991
DTIC No.:	N/A
Summary:	

Analyze and develop capabilities matrices that accurately depict aggregate utility of Marine Forces as an element of today's naval forces and those in the 1995-1999 time frame.

SCN:	DM 900103
Title:	FMF Force Module Enhancement
Category:	Operations and Force Structure
Classification:	Unclassified
Sponsor:	FMFPAC
Performing Activity:	CNA
Time Frame:	Short Range
Status:	Completed March 1991
DTIC No.:	AD-B134628
Summary:	

Development of a methodology to facilitate determination of optimum FMF Force Module configuration.

SCN: DM 900104
Title: Marine Corps Recruiting Study
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed January 1992
DTIC No.: AD-B145298
Summary:

Develop an efficient and flexible recruiting structure and identify management actions and policies that will raise productivity at the recruiting station level.

SCN: DM 900105
CNA No.: CRM 89-103
Title: Some Issues in the ECAT and CAT-ASVAB Projects
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed February 1990
DTIC No.: AD-B145638
Summary:

Critique of a computerized adaptive-testing version of the ASVAB. Describes ways in which the tests need to be expanded.

SCN: DM 900106
CNA No.: CRM 89-215
Title: The Role of Aptitude Factors in Predicting Hands-on Job Performance
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed March 1990
DTIC No.: AD-B145213
Summary:

The study disputes the assumption that all the predictive power of the ASVAB arises from its measurement of general cognitive ability. It demonstrates when the criterion is hands-on performance, aptitude factors make statistically and practically significant additions to the variance explained by general cognitive ability.

SCN: DM 900107
 CNA No.: CRM 89-234
 Title: **Concurrent Versus Enlistment ASVAB in Evaluation of New Tests**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed March 1990
 DTIC No.: AD-A222893
 Summary: New kinds of tests are evaluated as potential additions to the ASVAB.

SCN: DM 900108
 CNA No.: CRM 89-255
 Title: **Predicting 21-Month Completion in the USMC Using the Adaptability Screening Profile**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed March 1990
 DTIC No.: AD-B145637
 Summary:

Analysis of an adaptability profile which has been developed for possible use in selecting applicants who are likely to complete their service obligations.

SCN: DM 900109
 CRM No.: CRM 89-290
 Title: **Effect of the GT Composite Requirement on Qualification Rates**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed March 1990
 DTIC No.: AD-A222894
 Summary:

Analysis of whether recent changes in the definition of the Armed Forces Qualification Test have reduced the supply of eligible Marine Applicants.

SCN: DM 900110
 CNA No.: CRM 89-253
 Title: **Approximations for Three Statistical Functions**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed April 1990
 DTIC No.: AD-B145693
 Summary:

Evaluation of the density and cumulative functions of the normal distribution, and logic function relative to the computerized adaptive testing version of the ASVAB.

SCN: DM 900111
 CNA No.: CRM 89-254
 Title: **Calculating the Performance Gain Due to Improved Predictive Validity**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed April 1990
 DTIC No.: AD-A230732
 Summary:

ASVAB is evaluated. Evaluation of a new proposed selection composite for the

SCN: DM 900112
 CNA No.: CRM 89-314.10
 Title: **Identifying Successful Marine Corps Recruits**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed April 1990
 DTIC No.: AD-A233136
 Summary:

The study reviews trends in Marine Corps first-term attrition and provides an analysis of recruit background characteristics.

SCN: DM 900113
CNA No.: CRM 90-110
Title: **Incremental Validity of New Tests in
Prediction of Infantry Performance**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed July 1990
DTIC No.: AD-B223064
Summary:

Investigation of the incremental validity of several tests that were part of the Marine Corps Job Performance Measurement project for the infantry occupational field.

SCN: DM 900114
CNA No.: CRM 89-311
Title: **Methods to Assess the Utility of Proxies**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed August 1990
DTIC No.: AD-A231277
Summary:

Reviews methods for quantifying the tradeoffs between using proxy measures of job performance versus the established benchmark criterion of hands-on performance tests.

SCN: DM 900115
CNA No.: CRM 90-47
Title: **An Assessment of Surrogates for Hands-On
Tests: Selection Standards and Training
Needs**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed August 1990
DTIC No.: AD-A233825
Summary:

Job Performance Measurement data is used to analyze the usefulness of six surrogates for infantry tests.

SCN: DM 900116
 CNA No.: CRM 90-62
 Title: **Length of Time in the Delay-Entry Program and Its Effect on Marine Corps First-Term Survival**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed August 1990
 DTIC No.: AD-B151996
 Summary:

Examines the effects of length of time in the Delayed Entry Program (DEP) on 6- and 45-month active-duty survival rates for male and female Marines entering the Marine Corps in FY 1984.

SCN: DM 900117
 CNA No.: CRM 90-17
 Title: **Enlisted Women in the Marine Corps: First-Term Attrition and Long-Term Retention**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed August 1990
 DTIC No.: AD-B213876
 Summary:

Provides an overview of gender differences in the continuation rates.

SCN: DM 900118
 CNA No.: CRM 90-55
 Title: **Alternative Measures of Rifle Skills**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed September 1990
 DTIC No.: AD-A233832
 Summary:

Addresses issues related to the use of alternative and surrogate tests of the skills associated with rifle firing.

SCN: DM 900201
Title: Conventional Forces in Europe
Treaty Limited Equipment (TLE)
Reference Book
Category: Intelligence
Classification: Secret
Sponsor: OUSDA (A)/MCCDC
Performing Activity: BDM
Time Frame: Short Range
Status: Completed March 1991
DTIC No.: N/A
Summary:

Description of U.S. and Soviet equipment which is limited by the provisions of the treaty on Conventional Armed Forces in Europe (CFE). Volumes 1-4 unclassified/Volume 5 classified.

SCN: DM 900301
Title: Planning Factors Approach (Phase 1)
Category: Installations and Logistics
Classification: Unclassified
Sponsor: MCCDC/HQMC (I&L/R&P)
Performing Activity: Internal Marine Corps Working Group
Time Frame: Mid-Range
Status: Completed October 1991
DTIC No.: AD-B162998
Summary:

Generate a core of general axiomatic statements about planning factor usage in the Marine Corps. Develop a methodology for determining planning factors for all classes of supplies and reconcile the competing needs of both acquisition issues for the POM and sustainability issues for MAGTF planners.

SCN: DM 900303
Title: Desert Shield/Storm Reconstruction
Category: Concepts and Plans
Classification: Secret
Sponsor: OP-08
Performing Activity: CNA
Time Frame: Short Range
Status: Completed March 1992
DTIC No.: N/A
Summary:

Construct a comprehensive, flexible, and readily useable data base on the U.S. response to the Iraqi invasion of Kuwait. The data base will focus on the role and activity of U.S. Maritime Forces in that response, but will include extensive data on the joint and combined (multinational) force aspects of the response.

SCN: DM 900304
Title: **The Marine Corps - Today and Tomorrow**
Category: Concepts and Plans
Classification: Unclassified
Sponsor: HQMC (R&P)
Performing Activity: ASEC
Time Frame: Mid-Range
Status: Completed December 1991
DTIC No.: AD-B163564
Summary:

Document major Marine Corps policy decisions that occurred during the period 1987-1990 which refocused and enhanced Marine Corps expeditionary capabilities. Project Marine Corps capabilities in the year 2000.

SCN: DM 900305
Title: **Crisis Interaction Requirements (Phase I)**
Category: Concepts and Plans
Classification: Secret
Sponsor: HQMC (PP&O)
Performing Activity: KAPOS Associates
Time Frame: Mid-Range
Status: Completed April 1992
DTIC No.: Not held by DTIC - Special Access Information
Summary:

To develop training tools which can be used in regional scenarios involving forward deployed MEUS (SOC) and JSOC forces; validating through wargame the attendant mission assignment changes and consequent impact on "hand-off" procedures, integration of C3I, and combat support which would be required in IEHR.

SCN: DM 900306
CNA No.: CRM 89-272
Title: **Analysis of Pre-D-Day Activities of Exercise SOLID SHIELD 89**
Category: Operations and Force Structure
Classification: Confidential
Sponsor: 2nd MAW
Performing Activity: CNA
Time Frame: Short Range
Status: Completed February 1990
DTIC No.: N/A
Summary:

Presents a reconstruction of 2nd MAW's activities in the opening phases of SOLID SHIELD 89 and discusses the results and lessons learned.

SCN: DM 900307
CNA No.: CRM 90-172
Title: MPF Operations in Exercise AHUAS TARA 90
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: II MEF
Performing Activity: CNA
Time Frame: Short Range
Status: Completed August 1990
DTIC No.: AD-B130946
Summary:

Analysis of the 6th MEB's operations in Exercise AHUAS TARA 90 with emphasis on Roll-On/Roll-Off operations.

SCN: DM 900308
Title: Mission Area Analysis MA 35 - Control of Aircraft, Missiles, and RPVs
Category: Concepts and Plans
Classification: Secret
Sponsor: MCCDC
Performing Activity: BDM
Time Frame: Mid-Range
Status: Completed March 1990
DTIC No.: AD-C958129
Summary:

Addresses those capabilities required to command and control tactical units performing aerial reconnaissance and offensive air support, antiair warfare, assault support, and electronic warfare missions.

SCN: DM 900401
Title: Expeditionary CSS
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: ASEC
Time Frame: Mid-Range
Status: Completed September 1992
DTIC No.: AD-B148780
Summary:

Determine the logistical tasks and CSS functions and sub-functions required to support the four types of MAGTFs (MEF, MEB, MEU, SPF). Identify expeditionary CSS shortfalls and deficiencies in organization, doctrine, concepts, equipment, facilities, and training.

SCN: DM 900402
 CNA No.: CRM 90-3
 Title: Initial Activation of West Coast T-AVB
 Category: Science, Technology, Systems, and Equipment
 Classification: Unclassified
 Sponsor: I MEF
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed April 1990
 DTIC No.: N/A
 Summary:

Description of the operation and estimated load-out times of the Aviation Logistics Support Ship USNS Curtiss.

SCN: DM 900403
 CNA No.: CRM 90-69
 Title: MAGTF Bulk Fuel Requirements
 Category: Operations and Force Structure
 Classification: Unclassified
 Sponsor: MCCDC
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed July 1990
 DTIC No.: N/A
 Summary:

Evaluation of the problems associated with supplying petroleum, oil, and lubricants to MAGTFs in likely, future wartime scenarios.

SCN: DM 900404
 Title: Expeditionary CSS
 Category: Operations and Force Structure
 Classification: Secret
 Sponsor: MCCDC
 Performing Activity: CNA
 Time Frame: Mid-Range
 Status: Canceled
 DTIC No.: N/A
 Summary:

Determine expeditionary CSS requirements in support of MAGTFs employed in a number of roles under a variety of conflict situations. Compare expeditionary CSS requirements against current and programmed Marine Corps CSS capability.

SCN: DM 900405
Title: Marine Corps Ground Ammunition War
Material Requirements
Category: Concepts and Plans
Classification: Secret
Sponsor: MCCDC
Performing Activity: ASEC
Time Frame: Mid-Range
Status: Completed September 1991
DTIC No.: AD-B159883
Summary:

To determine through MCARMS methodology, mobilization requirements and combat planning factors for Class V(W) for the Marine Corps.

SCN: DM 900406
CNA No.: CRM 90-87
Title: MAGTF Bulk Fuel Requirements
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed July 1990
DTIC No.: AD-B124096
Summary:

Identify actual fuel usage of the various MAGTFs conducting operations in various scenarios through a survey of selected exercises conducted by FMF units.

SCN: DM 900407
CNA No.: CRM 90-192
Title: T-AVB Support of Marine Corps Force
Modules
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: FMFPAC
Performing Activity: CNA
Time Frame: Short Range
Status: Completed September 1990
DTIC No.: AD-B150799
Summary:

Examination of T-AVB time lines for four Marine Corps force modules.

SCN: DM 900408
CNA No.: CRM 91-225
Title: CSS Reserve Participation in Operation
Desert Shield/Storm
Category: Installations and Logistics
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: CNA
Time Frame: Short Range
Status: Completed September 1991
DTIC No.: N/A

An examination of the Combat Service Support Reserve participation in Operation Desert Shield and Desert Storm.

SCN: DM 900501
CNA No.: CIM 118
Title: The Marine Corps Professional Reading
Program - Implementation Ideas
Category: Concepts and Plans
Classification: Unclassified
Sponsor: FMFPAC
Performing Activity: CNA
Time Frame: Short Range
Status: Completed October 1990
DTIC No.: N/A
Summary:

Discusses the implementation of the Marine Corps Professional Reading Program.

SCN: DM 900701
Title: MAGTF Integrated Air Defense Study
Category: Concepts and Plans
Classification: Secret
Sponsor: MCCDC
Performing Activity: PRC
Time Frame: Long Range
Status: Completed May 1992
DTIC No.: AD-C959284
Summary:

Identify potential deficiencies in doctrine, organization, training/education and equipment of the Marine Corps' air defense capabilities.

SCN: DM 900702
CNA No.: CRM 91-255
Title: CASS Portable Test Set (CPTS) Cost and Operational Analysis
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: HQMC (ASL)
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed April 1992
DTIC No.: AD-B149886
Summary:

Identify possible CPTS alternatives which meet the needs of the Marine Corps operational requirements. Conduct a Cost and Operational Effectiveness Analysis (COEA) on the CPTS alternatives to identify their cost, risk and deployability.

SCN: DM 900703
Title: Marine Corps Aviation Combat Element (MACE 2010)
Category: Concepts and Plans
Classification: Secret
Sponsor: HQMC (APP)
Performing Activity: CNA
Time Frame: Long Range
Status: Completed May 1992
DTIC No.: Staffing
Summary:

Assist in developing a long range aviation plan for the USMC, addressing the changing threat and capitalizing on evolving technology and new systems to identify the best replacements for the current aircraft inventory.

SCN: DM 900704
CNA No.: CRM 89-227
Title: MAGTF Aviation Requirements
Category: Operations and Force Structure
Classification: Secret
Sponsor: HQMC (PP&O) and OP-07
Performing Activity: CNA
Time Frame: Short Range
Status: Completed January 1990
DTIC No.: N/A
Summary:

SCN: DM 900705
CNA No.: CRM 90-101
Title: Assault Support Operations Against an Integrated Air Defense System During WTI-90
Category: Operations and Force Structure
Classification: Secret
Sponsor: MAWTS-1
Performing Activity: CNA
Time Frame: Short Range
Status: Completed July 1990
DTIC No.: N/A
Summary:

Results and lessons learned from an exercise which featured assault support forces penetrating an Integrated Air Defense System.

SCN: DM 900706
CNA No.: CRM 90-61
Title: A Structure for Marine Corps Antiradiation Missile (ARM) Analysis
Category: Concepts and Plans
Classification: Secret/NOFORN
Sponsor: MARCORSYSCOM
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed September 1990
DTIC No.: N/A
Summary:

Develops a methodology to assist the Marine Corps in deciding what mix of Antiradiation Missiles (ARMs) to procure.

SCN: DM 900901
Title: C3 Comparison Methodology
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: Naval Postgraduate School
Time Frame: Short Range
Status: Completed July 1991
DTIC No.: N/A
Summary:

Development of a methodology to facilitate comparison of alternative C3 architecture based on measures of effectiveness which are accessible through available data. C3 Comparison Model available at the C4I Section, P&R Branch, MCCDC.

SCN: DM 901001
 Title: High Speed Transporter (HST)
 Category: Science, Technology, Systems, and Equipment
 Classification: Unclassified
 Sponsor: NAVSEASYS COM (PMS-310)
 Performing Activity: ASEC
 Time Frame: Mid-Range
 Status: Completed December 1990
 DTIC No.: AD-B156155L
 Summary:

Develop and procure a cost-effective, state-of-the-art system to replace the existing AAV7A1 series of assault amphibians.

SCN: DM 901002
 CNA No.: CRM 89-262
 Title: Ship-to-Shore Movement of the Assault Follow-on Echelon
 Category: Concepts and Plans
 Classification: Unclassified
 Sponsor: HQMC (PP&O) and OP-07
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed February 1990
 DTIC No.: N/A
 Summary:

Presents the results of the Assault Follow-On Echelon (AFOE) ship-to-shore movement study.

SCN: DM 901003
 CNA No.: CRM 90-96
 Title: Advanced Amphibious Assault (AAA) Program COEA
 Category: Science, Technology, Systems, and Equipment
 Classification: Unclassified
 Sponsor: MARCORSYSCOM
 Performing Activity: CNA
 Time Frame: Long Range
 Status: Completed July 1990
 DTIC No.: N/A
 Summary:

Presents the results of the Advanced Amphibious Assault ship-to-shore performance analysis for a MEF. Specifies the amount of time required to move an MEF equipped with the different AAV alternatives ashore.

SCN: DM 901101
 Title: Marine Corps LIC Employment by the Unified CINCs
 Category: Concepts and Plans
 Classification: Secret
 Sponsor: MCCDC
 Performing Activity: Internal Marine Corps Working Group
 Time Frame: Mid-Range
 Status: Canceled
 DTIC No.: N/A
 Summary:

To compare CINC low intensity conflict (LIC) and counternarcotics campaign, operations, and contingency plans with the capabilities and deficiencies identified in the MAGTF Master Plan.

SCN: DM 901201
 Title: Long Range Technology Assessment
 Category: Science, Technology, Systems, and Equipment
 Classification: Secret
 Sponsor: MCCDC
 Performing Activity: BDM
 Time Frame: Long Range
 Status: Completed September 1991
 DTIC No.: AD-B158126 (Vol I)
 AD-C958676 (Vol II)
 Summary:

To conduct a projected technology assessment covering the period 2011-2021 in support of the Marine Corps' Long Range Plan.

SCN: DM 901202
 Title: Tactical Directed Energy Warfare (TDEW)
 Category: Science, Technology, Systems, and Equipment
 Classification: Secret/NOFORN
 Sponsor: MCCDC
 Performing Activity: BDM
 Time Frame: Long Range
 Status: Completed December 1991
 DTIC No.: AD-C958907L
 Summary:

To provide a capability to protect USMC personnel and equipment from the threats and hazards of battlefield lasers and to conduct battlefield surveillance to detect, warn, and counter the enemy's use of lasers.

SCN: DM 901203
CNA No.: CRM 89-287
Title: Analysis of ELINT Support System (ESS)
Alternatives
Category: Science, Technology, Systems, and
Equipment
Classification: Secret/NOFORN
Sponsor: MARCORSYSCOM
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed February 1990
DTIC No.: N/A
Summary:

Analyzes alternatives for meeting the Marine Corps' requirement for an electronic support system.

SCN: DM 901204
CNA No.: CRM 90-13
Title: IADEx 1-90: Use of Information From
Nonorganic Sources by the Integrated Air
Defense System
Category: Science, Technology, Systems, and
Equipment
Classification: Confidential
Sponsor: 2nd MAW
Performing Activity: CNA
Time Frame: Short Range
Status: Completed April 1990
DTIC No.: N/A
Summary:

Description of an experimental architecture which collected information from nonorganic sources and integrated it.

SCN: DM 901205
CNA No.: CRM 90-82
Title: Unclassified Report of the Use of
Nonorganic Sources by the Integrated Air
Defense System in IADEx 1-90
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: 2nd MAW
Performing Activity: CNA
Time Frame: Short Range
Status: Completed May 1990
DTIC No.: N/A
Summary:

Unclassified report of DM 901204.

SCN: DM 901206
 CNA No.: CRM 90-48
 Title: **Comparison of Two Cueing Systems for LAAD Teams**
 Category: Science, Technology, Systems, and Equipment
 Classification: Confidential
 Sponsor: MAWTS-1
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed July 1990
 DTIC No.: N/A
 Summary:

Results of a comparison of two cueing systems for Low-Altitude Air Defense teams.

SCN: DM 901207
 CNA No.: CRM 90-138
 Title: **Advanced Amphibious Assault Program Cost and Operational Effectiveness Analysis: Performance Analysis**
 Category: Science, Technology, Systems, and Equipment
 Classification: Secret/PROPIN
 Sponsor: MARCORSYSCOM
 Performing Activity: CNA
 Time Frame: Mid-Range
 Status: Completed September 1990
 DTIC: N/A
 Summary:

Compares the Advanced Amphibious Assault (AAA) program alternatives with respect to several performance parameters.

SCN: DM 901208
 CNA No.: CRM 90-223
 Title: **Analysis of Interim Fireflex Systems**
 Category: Science, Technology, Systems, and Equipment
 Classification: Unclassified
 Sponsor: MARCORSYSCOM and MCCDC
 Performing Activity: CNA
 Time Frame: Mid-Range
 Status: Completed September 1990
 DTIC No.: AD-B151718
 Summary:

Examines interim fireflex systems' functionality, risk, schedule, supportability, growth potential, and cost.

SCN: DM 901209
CNA No.: CRM 90-179
Title: AAA Program COEA: Force Effectiveness
Category: Science, Technology, Systems, and
Equipment
Classification: Secret/NOFORN
Sponsor: MARCORSYSCOM
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed October 1990
DTIC No.: N/A
Summary:

Description of the effectiveness analysis portion of the Advanced Amphibious Assault program.

SCN: DM 901210
CNA No.: CIM 123
Title: Detailed Attrition Data for the AAA
Program Cost and Operational Effectiveness
Analysis
Category: Science, Technology, Systems, and
Equipment
Classification: Secret
Sponsor: MARCORSYSCOM
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed October 1990
DTIC No.: N/A
Summary:

Description of the data used in the effectiveness analysis and the methodology employed to calculate data in the Amphibious Warfare Model.

SCN: DM 901211
CNA No.: CRM 90-106
Title: AAA Program COEA: Ship-to-Shore
Supporting Analysis
Category: Science, Technology, Systems, and
Equipment
Classification: Confidential
Sponsor: MARCORSYSCOM
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed November 1990
DTIC No.: N/A
Summary:

Provides the detailed data that supports a previously published study.

SCN: DM 901302
Title: **Mission Area Analysis MA12 - Intelligence**
Category: Concepts and Plans
Classification: Secret
Sponsor: MCCDC
Performing Activity: Internal Marine Corps Working Group
Time Frame: Mid-Range
Status: Completed May 1991
DTIC No.: AD-B159732
Summary:

Define and describe the USMC mission requirements for intelligence in the period FY 92-97, identify and assess present and programmed capabilities which contribute to mission accomplishment, and identify and prioritize deficiencies.

SCN: DM 901501
Title: **Low Intensity Conflict Simulation Development**
Category: Concepts and Plans
Classification: Unclassified
Sponsor: CATA/MCCDC
Performing Activity: BDM
Time Frame: Short Range
Status: Completed August 1991
DTIC No.: AD-B114763
Summary:

To provide simulation design, scenario development and upgrade, automation development, training document development, and analytical support in the development of a simulation appropriate to a Low Intensity Conflict environment.

SCN: DM 901801
Title: **Marine Corps Studies Information System**
Category: Management
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: Defense Training and Performance Data Center
Time Frame: Short Range
Status: Completed February 1993
DTIC No.: N/A
Summary:

Investigate the feasibility of the design and development of an automated data base management system for the input, tracking, and analysis of the Marine Corps Study System.

SCN: DM 901802
 Title: Marine Corps Combat Development Command
 Analysis Study (Phase I)
 Category: Management
 Classification: Unclassified
 Sponsor: MCCDC
 Performing Activity: BDM
 Time Frame: Mid-Range
 Status: Completed May 1990
 DTIC No.: AD-B160173
 Summary:

Analyze the Marine Air-Ground Training and Education Center (MAGTEC) organizational structure and procedures to identify a method to align and enhance Marine Corps-wide training responsibilities and resource allocation.

SCN: DM 901803
 CNA No.: CIM 132
 Title: A Sampling of U.S. Naval Humanitarian
 Operations
 Category: International Security
 Classification: Unclassified
 Sponsor: HQMC (PP&O) and (OP-06)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed November 1990
 DTIC No.: AD-A239176
 Summary:

Provides a sampling of U.S. Naval humanitarian operations over the past four decades.

3.3. Fiscal Year 1991

SCN: 29-910101
 Title: USMC Manpower, Personnel, and Training
 (MPT) Course Analysis and Development
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: MARCORSYSCOM
 Performing Activity: PRC
 Time Frame: Mid-Range
 Status: Staffing
 DTIC No.: To be assigned upon study completion
 Summary:

Develop and demonstrate a prototype course curriculum for the formal MPT training of Marine Corps personnel.

SCN: 29-910102
Title: **Casualty Rate Estimation**
Category: **Manpower and Personnel**
Classification: **Unclassified**
Sponsor: **HQMC (MPP)**
Performing Activity: **ASEC**
Time Frame: **Mid-Range**
Status: **Completed January 1993**
DTIC No.: **Pending**
Summary:

Incorporate the results of the U.S. Navy DNBI Study into the CASRATE planning methodology, and develop a CASRATE-compatible estimation method for casualties resulting from nuclear, biological and chemical (NBC) weapons.

SCN: 29-910103
Title: **Revision of Manpower Requirements Determination Program (MRDP)**
Category: **Manpower and Personnel**
Classification: **Unclassified**
Sponsor: **HQMC (M&RA)**
Performing Activity: **PRC**
Time Frame: **Mid-Range**
Status: **Completed November 1992**
DTIC No.: **Pending**
Summary:

To explore methods of determining manpower requirements or revising the current MRDP procedure in order to speed up the process and reduce its cost.

SCN: 29-910104
Title: **SO/LIC OPS Foreign Language Proficiency**
Category: **Manpower and Personnel**
Classification: **Unclassified**
Sponsor: **MCCDC**
Performing Activity: **N/A**
Time Frame: **Mid-Range**
Status: **Canceled**
DTIC No.: **N/A**
Summary:

Analysis of the need for foreign language proficiency and recommend programs to enhance the Marine Corps' foreign language capabilities.

SCN: 29-910105
 CNA No.: CRM 90-120
 Title: **Construction of Final Forms for a New Enlistment Screening Test**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed December 1990
 DTIC No.: AD-A235405
 Summary:

Two forms, each containing 35 verbal and 30 mathematics items, have been developed for a new Enlistment Screening Test (EST) to predict Armed Forces Qualification Test (AFQT) scores of military applicants.

SCN: 29-910106
 CNA No.: CRM 90-119
 Title: **Development of Overlength Forms for a New Enlistment Screening Test**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed December 1990
 DTIC No.: AD-A235732
 Summary:

Overlength forms, containing about 50 percent more items than needed in the final forms, have been developed for a new Enlisted Screening Test.

SCN: 29-910107
 CNA No.: CRM 90-182
 Title: **Validation of ASVAB Against Infantry Job Performance**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed December 1990
 DTIC No.: AD-A235406
 Summary:

The validity of the Armed Services Vocational Aptitude Battery (ASVAB) against several measures of infantry performance collected as part of Job Performance Measurement project

SCN: 29-910108
 CNA No.: CRM 90-217
 Title: Robust Estimation Using Student's t Distribution
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed December 1990
 DTIC No.: AD-B152549
 Summary:

Robust estimators are useful when observations contain gross errors or are sampled from a heavy-tailed distribution. Monte Carlo results show these estimators to be as efficient as the biweight estimators of location and scale.

SCN: 29-910109
 CNA No.: CRM 90-134
 Title: The Marine Corps Aviator Pipeline
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed January 1991
 DTIC No.: AD-B154623
 Summary:

This research memorandum describes the operation of the training pipeline for Marine Corps student naval aviators and student naval flight officers.

SCN: 29-910110
 CNA No.: CIM 135
 Title: Longitudinal Tracking Files for Marine Corps Officers
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Long Range
 Status: Completed February 1991
 DTIC No.: AD-B163124
 Summary:

This information memorandum describes a longitudinal tracking file for Marine Corps officers created from quarterly snapshots from the Headquarters Master File.

SCN: 29-910111
 CNA No.: CRM 90-238
 Title: **Average Cost of Training for First-Term Marines**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed April 1991
 DTIC: AD-B158811
 Summary:

This study attempts to measure the first-term costs and performance of enlisted Marines in several occupations. It also presents estimates of the costs per student for courses needed for Military Occupational Specialties studied in the project.

SCN: 29-910112
 CNA No.: CIM 127
 Title: **Longitudinal ARSTST Tracking Files for Enlisted Marines**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed April 1991
 DTIC No.: AD-B158237
 Summary:

The Marine Corps Quarterly Accession Retention Statistics (ARSTAT) files is a data base that provides both current and historical background records for enlisted Marines.

SCN: 29-910113
 CNA No.: CRM 91-82
 Title: **Comparison of Three Procedures for Smoothing Score Distributions**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed June 1991
 DTIC No.: AD-A242134
 Summary:

Three parametric smoothing procedures are examined and found to be equally useful.

SCN: 29-910114
CNA No.: CRM 91-85
Title: **Development of ASVAB Norms for the Student Testing Program**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed June 1991
DTIC No.: AD-A242135
Summary:

ASVAB scores will soon be reported on three composites and ten subtests. The objective of this research memorandum is to present norms for these scores.

SCN: 29-910115
CNA No.: CRM 91-99
Title: **Analysis and Prediction of Infantry Unit Leaders' Performance**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed June 1991
DTIC No.: AD-B163271
Summary:

This research memorandum covers a variety of issues related to the performance of enlisted infantry unit leaders and the ability of the ASVAB to predict that performance.

SCN: 29-910116
CNA No.: CIM 122
Title: **CNA's Longitudinal HMF Tracking Files for Enlisted Marines**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Status: Completed June 1991
DTIC No.: N/A
Summary:

This information memorandum describes CNA's current longitudinal tracking files of the Headquarters Master File for enlisted Marines.

SCN: 29-910117
CNA No.: CIM 145
Title: **USMC Training: An Overview**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: CNA
Status: Completed June 1991
DTIC No.: N/A
Summary:

This information memorandum provides an overview of the organization of training within the Marine Corps, a description of the training paths traveled by enlisted Marines and officers, and some summary statistics.

SCN: 29-910118
CNA No.: CRM 91-53
Title: **An Investigation of Marriage and Dependency Rates for Enlisted Marines**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed July 1991
DTIC No.: AD-A246493
Summary:

This research memorandum analyzes the factors underlying the recent growth in the proportion of enlisted Marines that are married or that have dependents.

SCN: 29-910119
CNA No.: CRM 91-64
Title: **Reenlisting in the Marine Corps: The Impact of Bonuses, Grade, and Dependency Status**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed July 1991
DTIC No.: AD-A246494
Summary:

First-term reenlistment decisions for recommended and eligible Marines in FY 1980 through FY 1990 are analyzed in this research memorandum.

SCN: 29-910120
CNA No.: CIM 161
Title: **The Marine Corps Marriage and Dependent Children Database (MCMAD)**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed July 1991
DTIC No.: AD-B153245
Summary:

The Marine Corps Marriage and Dependent Children Database provides a quick-response capability for questions on marital and dependency status of enlisted Marines.

SCN: 29-910121
CNA No.: CIM 172
Title: **Job Performance Tests for Motor Transport Mechanics - Volume I: Hands-On Performance Tests**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed July 1991
DTIC No.: AD-B163220
Summary:

Performance tests and job knowledge tests were developed for the Job Performance Measurement Project.

SCN: 29-910122
CNA No.: CIM 172
Title: **Job Performance Tests for Motor Transport Mechanics - Volume II: Administrative Duties and Job Knowledge Tests**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed July 1991
DTIC No.: AD-B163221
Summary:

Performance tests and job knowledge tests were developed for specialties as part of the Marine Corps Job Performance Measurement Project.

SCN: 29-910123
CNA No.: CIM 173
Title: **Updating CNA's Marine Corps Accession Cohort Files**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed August 1991
DTIC No.: AD-B163052
Summary:

Documents the accession cohort data system maintained by CNA.

SCN: 29-910124
CNA No.: CIM 179
Title: **Job Performance Tests for CH-46 Helicopter Mechanics - Volume I: Hands-On Test**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed August 1991
DTIC No.: AD-B163073
Summary:

Documents performance tests and job knowledge tests developed for CH-46 helicopter mechanics as part of the Marine Corps Job Performance Measurement Project.

SCN: 29-910125
CNA No.: CIM 179
Title: **Job Performance Tests for CH-46 Helicopter Mechanics - Volume II: Administrative Duties and Job Knowledge**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed August 1991
DTIC No.: AD-B163074
Summary:

Documents performance tests and job knowledge tests developed for CH-46 helicopter mechanics as part of the Marine Corps Job Performance Measurement Project.

SCN: 29-910126
CNA No.: CRM 90.219.10
Title: **Rankings by Historical Attrition Rates of Potential Marine Corps Recruits**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed September 1991
DTIC No.: AD-B172482
Summary:

Categorization and ranking of potential Marines based on historical non-end of service attrition rates.

SCN: 29-910127
CNA No.: CRM 91-89
Title: **Marine Corps Training Concepts, Issues, and Analyses**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed September 1991
DTIC No.: Not held by DTIC
Summary:

The study identified training issues facing the Marine Corps and investigated analytical methods and sources of training data.

SCN: 29-910128
CNA No.: CRM 91-161
Title: **An Analysis of CAT-ASVAB Scores in the Marine Corps JPM Data**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed September 1991
DTIC No.: AD-A252074
Summary:

Analysis of the results of CAT-ASVAB administered to 1,400 Marines.

SCN: 29-910129
CNA No.: CIM 192
Title: Job Performance Tests for CH-53A/D
Helicopter Mechanics, Volume I: Test
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed October 1991
DTIC No.: AD-A262178
Summary:

Disseminate performance measures to Marine Corps personnel managers, training instructors, and interested researchers.

SCN: 29-910130
CNA No.: CIM 192
Title: Job Performance Tests for CH-53A/D
Helicopter Mechanics, Volume II:
Admin Duties and Job Knowledge Tests
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed October 1991
DTIC No.: AD-A262179
Summary:

Disseminate performance measures to USMC personnel managers, training instructors, and interested researchers.

SCN: 29-910131
CNA No.: CIM 196
Title: A Test of the Temporal Invariance of ASVAB
Item Parameters
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed November 1991
DTIC No.: Not held by DTIC
Summary:

ASVAB test data of 1980 national sample of youth vs results from a 1988 test administered to military applicants.

SCN: 29-910132
 CNA No.: CIM 200
 Title: Job Performance Tests for U/AH-1
 Helicopter Mechanics, Volume I: Hands-On
 Performance Test
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed November 1991
 DTIC No.: Pending
 Summary:

The purpose of this information memorandum is to disseminate these performance measures to Marine Corps personnel managers, training instructors, and interested researchers.

SCN: 29-910133
 CNA No.: CIM 200
 Title: Job Performance Tests for U/AH-1
 Helicopter Mechanics, Volume II: Admin
 Duties and Job Knowledge Test
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed November 1991
 DTIC No.: Pending
 Summary:

Disseminate these performance measures to Marine Corps personnel managers, training instructors, and interested researchers.

SCN: 29-910201
 Title: Mission Area Analysis MA 23 - Close Combat
 Category: Concepts and Plans
 Classification: Unclassified
 Sponsor: MCCDC
 Performing Activity: Internal Marine Corps Working Group
 Time Frame: Mid-Range
 Status: Completed June 1991
 DTIC No.: Not held by DTIC
 Summary:

Assess the MAGTF's capability to use tactical combat power to locate and destroy the enemy by fire and maneuver.

SCN: 29-910202
Title: Command and Control Concept for Maneuver Warfare and Over-the-Horizon (OTH) Operations
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: PRC
Time Frame: Long Range
Status: Completed March 1992
DTIC No.: Pending
Summary:

Develop a concept for a command and control system that will support the requirements imposed by using maneuver warfare and OTH operations.

SCN: 29-910203
Title: MAGTF Operations in an NBC Environment
Category: Concepts and Plans
Classification: Secret
Sponsor: MCCDC
Performing Activity: PRC
Time Frame: Mid-Range
Status: Canceled
DTIC No.: N/A
Summary:

Determine alternatives for how an expeditionary Marine Air-Ground Task Force (MAGTF) can survive and maintain momentum in an NBC environment by looking at how the MAGTF protects itself, detects and identifies hazards, decontaminates personnel and equipment, and warns and reports the presence of NBC hazards.

SCN: 29-910204
Title: Mission Area Analysis MA 22 - Ground Tactical Mobility/Counter-mobility
Category: Concepts and Plans
Classification: Confidential
Sponsor: MCCDC
Performing Activity: Internal Marine Corps Working Group
Time Frame: Short Range
Status: Completed November 1991
DTIC No.: AD-B162451
Summary:

Assess the MAGTF's ground tactical mobility/counter-mobility capabilities.

SCN: 29-910207
Title: **Mission Area Analysis MA 70 - Manpower**
Category: Concepts and Plans
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: PRC
Time Frame: Mid-Range
Status: Completed August 1992
DTIC No.: Pending
Summary:

To define and assess the Marine Corps' manpower requirements, determine capabilities to manage personnel procurement, classification and distribution, and identify and prioritize deficiencies.

SCN: 29-910208
Title: **NorthEast Asia Scenario**
Category: Concepts and Plans
Classification: Secret
Sponsor: MCCDC
Performing Activity: TRADOC
Time Frame: Long Range
Status: Canceled
DTIC No.: N/A
Summary:

To develop theater, corps, and MAGTF scenarios for the 2000-2005 time frame based on the Illustrative Planning Scenario in the Defense Guidance and existing campaign plans.

SCN: 29-910209
Title: **Mission Area Analysis MA 33 - Assault Support**
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: Internal Marine Corps Working Group
Time Frame: Short Range
Status: Completed November 1991
DTIC No.: AD-B162450
Summary:

Assess the Aviation Combat Element's ability to provide an assault support capability to the MAGTF.

SCN: 29-910210
Title: **Mission Area Analysis MA 34 -
Offensive Air Support**
Category: Concepts and Plans
Classification: Confidential
Sponsor: MCCDC
Performing Activity: Internal Marine Corps Working Group
Time Frame: Mid-Range
Status: Completed January 1992
DTIC No.: AD-B162452
Summary:

Assess the Aviation Combat Element's ability to provide offensive air support to the MAGTF.

SCN: 29-910211
CNA No.: CRM 91-101
Title: **Maritime Prepositioned Force Offload
Model, Vol. I: Main Text/Appendixes A/B**
Category: Concepts and Plans
Classification: Confidential
Sponsor: MCCDC
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed April 1991
DTIC No.: N/A
Summary:

Documents the design and use of the Maritime Prepositioned Force (MPF) Offload Model.

SCN: 29-910212
CNA No.: CRM 91-128
Title: **Marine Corps Training Ammunition
Requirements Study: Extension
for Mobilization Training**
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MAGTEC
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed July 1991
DTIC No.: AD-B163272
Summary:

Describes the study of the USMC mobilization process and the results of developing an extension of the TARMS methodology to include training ammunition requirements for Marine Corps mobilization.

SCN: 29-910213
 CNA No.: CJM 167
 Title: Marine Aviation Combat Element (MACE) 2010 Study: Scenario and Concept of Operations
 Category: Concepts and Plans
 Classification: Secret/NOFORN
 Sponsor: HQMC (AVN)
 Performing Activity: CNA
 Time Frame: Long Range
 Status: Completed November 1991
 DTIC No.: N/A
 Summary:

Presents a mid-level intensity scenario to complement the MACE 2010 Study.

SCN: 29-910301
 Title: The Marine Corps Model
 Category: Operations and Force Structure
 Classification: Unclassified
 Sponsor: MCCDC
 Performing Activity: Internal Marine Corps Working Group (Phase I)
 Contractor-TBD (Phase II)
 Time Frame: Mid-Range
 Status: Canceled
 DTIC No.: N/A
 Summary:

To develop a prototype family of models that incorporate knowledge-based expert system applications to support MAGTF force structure planning.

SCN: 29-910302
 Title: Measures of Effectiveness for Marine Corps Readiness and Sustainability (Phases I & II)
 Category: Operations and Force Structure
 Classification: Unclassified
 Sponsor: HQMC (LPM)
 Performing Activity: PRC
 Time Frame: Long Range
 Status: Completed May 1992
 DTIC No.: Pending
 Summary:

To develop a methodology to show the effect on MAGTF readiness and sustainability resulting from a change in OPSTEMPO or a material shortage in various classes of supply; and to quantify the impact that cuts to O&M funding will have on MAGTF readiness and sustainability.

SCN: 29-910303
Title: **Tailoring the MAGTF for Combat Against a Strong Armored Threat**
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: Marine Corps University
Performing Activity: Naval Postgraduate School
Time Frame: Short Range
Status: Completed September 1991
DTIC No.: AD-A159748
Summary:

Determine the optimum organizational structure of the MAGTF capable of conducting offensive operations in level desert terrain against a strong armored enemy while continuing to possess effective strategic mobility.

SCN: 29-910304
Title: **Automation of the Marine Corps Health Service Support (HSS) for Use Within the Combat Service Support TSS**
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: CASCOC
Time Frame: Mid-Range
Status: Completed March 1993
DTIC No.: Pending
Summary:

Build Marine Corps HSS structures, their inherent task organization, mission and treatment capabilities, authorized medical and dental lists (AMAL/ADALs) and supply levels, and organic HSS transportation assets.

SCN: 29-910305
Title: **Marine Corps Aviation Mishap Rate Assessment**
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: HQMC (ASA)
Performing Activity: ASEC
Time Frame: Short Range
Status: Completed May 1992
DTIC No.: AD-B165036L
Summary:

An impartial evaluation of current Marine Aviation concepts, policies, techniques, methods, and systems from calendar year 1986 to the present.

SCN: 29-910306
 CNA No.: CRM 90-249
 Title: **Initial Deployment of Navy Medical Assets in Support of Operation Desert Shield**
 Category: Operations and Force Structure
 Classification: Secret
 Sponsor: MCCDC and OP-08
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed January 1991
 DTIC No.: N/A
 Summary:

The Navy has provided significant medical support for Operation Desert Shield. This research memorandum describes the initial deployment of the Navy's medical assets through 6 October 1990

SCN: 29-910307
 CNA No.: CRM 91-37
 Title: **Marine Corps Operations in Desert Shield**
 Category: Operations and Force Structure
 Classification: Secret
 Sponsor: MCCDC and OP-08
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed February 1991
 DTIC No.: N/A
 Summary:

This research memorandum documents the activities of the Marine Corps during Operation Desert Shield, between 2 August 1990 and 15 January 1991. The analysis summarizes the deployments during the operations, documenting the command relationships throughout.

SCN: 29-910308
 CNA No.: CRM 91-26
 Title: **Maritime Intercept Operations**
 Category: Operations and Force Structure
 Classification: Secret
 Sponsor: MCCDC and OP-08
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed February 1991
 DTIC No.: N/A
 Summary:

Desert Shield maritime operations between 18 August 1990 and 15 January 1991 are analyzed based on message traffic received at CNA and correspondence received from field representatives.

SCN: 29-910309
 CNA No.: CRM 91-15
 Title: **Exercise FREEDOM BANNER/Humanitarian Assistance MAGTF-90**
 Category: Operations and Force Structure
 Classification: Unclassified
 Sponsor: FMFPAC
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed March 1991
 DTIC No.: AD-B158077
 Summary:

The standup and operation of the humanitarian assistance Crisis Action Module (CAM) is evaluated.

SCN: 29-910310
 CNA No.: CRM 91-57
 Title: **Battle Group Delta Participation in Desert Shield Operations**
 Category: Operations and Force Structure
 Classification: Secret
 Sponsor: MCCDC and OP-08
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed July 1991
 DTIC No.: N/A
 Summary:

Documents the participation of Battle Group Delta in Operation Desert Shield from August 1990 to November 1990.

SCN: 29-910311
 CNA No.: CRM 91-97
 Title: **The Deployment of U.S. Navy Carriers for Operation Desert Storm**
 Category: Operations and Force Structure
 Classification: Confidential
 Sponsor: OP-08 and MCCDC
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed August 1991
 DTIC No.: N/A
 Summary:

Overview of the procedures that were followed for deploying the six carriers that conducted combat operations during Operation Desert Storm (ODS).

SCN: 29-910312
CNA No.: CRM 91-153
Title: **Preparations for Casualty Regulating and CONUS Care During Operation Desert Storm**
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: OP-08 and MCCDC
Performing Activity: CNA
Time Frame: Short Range
Status: Completed October 1991
DTIC No.: N/A
Summary:

Description of the system established to regulate the flow of Desert Storm casualties from theater and the build-up of capabilities in the continental U.S. (CONUS) to receive casualties.

SCN: 29-910313
CNA No.: CRM 91-228
Title: **Marine Corps Desert Storm Reconstruction Report - Volume II: Ground Force Operations**
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: CNA
Time Frame: Short Range
Status: Completed October 1991
DTIC No.: Not held by DTIC
Summary:

Documents the events that occurred on the ground and discusses a number of issues or events that emerged from the planning and operations. Includes a chronological narrative of the Marine Corps operations and how they fit into the theater commander's plan.

SCN: 29-910401
Title: **Command Religious Program Logistics in Combat (1991-2000)**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: Internal Marine Corps Working Group
Time Frame: Mid-Range
Status: Completed November 1991
DTIC No.: AD-B143863
Summary:

To determine chaplain hardware and consumable kit requirements based on the religious demographics of Marines, the number of chaplains assigned to the Marine Corps and their religious affiliation, and specific combat kit needs.

SCN: 29-910402
 CNA No.: CRM 91-17
 Title: **Operation Desert Shield Bulk Fuel Planning**
 Category: Installations and Logistics
 Classification: Secret
 Sponsor: MCCDC and OP-08
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed February 1991
 DTIC No.: N/A
 Summary:

Operation Desert Shield bulk fuel planning as undertaken by the staff of the Seventh Marine Expeditionary Brigade is examined.

SCN: 29-910403
 CNA No.: CRM 91-38
 Title: **Reconfiguration of MPSRon-3 to Support the Priority Force Modules**
 Category: Installations and Logistics
 Classification: Unclassified
 Sponsor: FMFPAC
 Performing Activity: CNA
 Time Frame: Mid-Range
 Status: Completed March 1991
 DTIC No.: Not held by DTIC
 Summary:

The ability of MPSRons to support priority force modules is investigated through an analysis of MPSRon-3, a squadron of four Am sea-class ships.

SCN: 29-910404
 CNA No.: CRM 91-24
 Title: **MPS Squadron Three Ordnance Sustainment for Priority Force Modules**
 Category: Installations and Logistics
 Classification: Secret
 Sponsor: FMFPAC
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed March 1991
 DTIC No.: N/A
 Summary:

Examines the ability of ships in Maritime Prepositioned Ship (MPS) Squadron Three to provide sufficient ordnance sustainment to forces the size of a MEU or low-intensity conflict Marine Expeditionary Brigade (LIC MEB).

SCN: 29-910405
CNA No.: CRM 91-73
Title: **Reconfiguration of MPSRon-2 to Support the
Priority Force Modules, Volume I: Main
Text and Appendixes A-E**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: FMFPAC
Performing Activity: CNA
Time Frame: Short Range
Status: Completed March 1991
DTIC No.: Not held by DTIC
Summary:

The ability of Maritime Prepositioned Ship Squadrons (MPSRons) to support priority force modules was investigated.

SCN: 29-910406
CNA No.: CRM 91-74
Title: **Reconfiguration of MPSRon-2 to Support the
Priority Force Modules, Volume II:
Appendix F - Ordnance Sustainment**
Category: Installations and Logistics
Classification: Secret
Sponsor: FMFPAC
Performing Activity: CNA
Time Frame: Short Range
Status: Completed March 1991
DTIC No.: N/A
Summary:

The ability of Maritime Prepositioned Ship Squadrons (MPSRons) to support priority force modules was investigated.

SCN: 29-910407
CNA No.: CNR 190
Title: **FMF Force Module Enhancement Study**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: FMFPAC
Performing Activity: CNA
Time Frame: Short Range
Status: Completed March 1991
DTIC No.: Not held by DTIC
Summary:

The FMF Force Module Enhancement Study was conducted to demonstrate that the Maritime Prepositioning Ship Squadrons can effectively support priority force modules.

SCN: 29-910408
 CNA No.: CRM 91-6
 Title: **Supporting Amphibious Assault from a Sea Base**
 Category: Installations and Logistics
 Classification: Unclassified
 Sponsor: 5th MEB and COMPHIBGRU 3
 Performing Activity: CNA
 Time Frame: Mid-Range
 Status: Completed April 1991
 DTIC No.: Not held by DTIC
 Summary:

The application of sea-based logistics in KERNAL BLITZ-89 and RIMPAC-90 is investigated.

SCN: 29-910409
 CNA No.: CRM 90-265
 Title: **The Marine Corps Training Ammunition Study**
 Category: Installations and Logistics
 Classification: Unclassified
 Sponsor: MAGTEC
 Performing Activity: CNA
 Time Frame: Mid-Range
 Status: Completed April 1991
 DTIC No.: AD-B158179
 Summary:

This study analyzed and structured the total annual training ammunition requirements, assuming that all Marines, active duty and reserve, perform all their required annual training to achieve prescribed standards.

SCN: 29-910410
 CNA No.: CRM 91-121
 Title: **The Maritime Prepositioned Force Offload Model: Appendix C and Appendix D - Data Dictionary and Computer Code**
 Category: Installations and Logistics
 Classification: Unclassified
 Sponsor: MCCDC
 Performing Activity: CNA
 Time Frame: Mid-Range
 Status: Completed April 1991
 DTIC No.: AD-B158811
 Summary:

Documents the design and use of the Maritime Prepositioned Force (MPF) Offload Model. The model was written at CNA to examine MPF offload operations in different environments.

SCN: 29-910411
CNA No.: CRM 91-202
Title: MPS Maintenance Study
Category: Installations and Logistics
Classification: Unclassified
Sponsor: HQMC (I&L)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed August 1991
DTIC No.: AD-B163313
Summary:

Analysis of the labor force and site for maintenance of equipment on Maritime Prepositioned Ships. Includes an evaluation of the purchase alternative to the present lease for the property at Blount Island.

SCN: 29-910501
Title: Mines/Minelaying and Countermine Requirements for the Mid-Range
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: PRC
Time Frame: Mid-Range
Status: Completed March 1992
DTIC No.: AD-B165024L
Summary:

Survey current mine and countermine capabilities; compare requirements and capabilities; and determine deficiencies and make recommendations for changes in doctrine, organization and equipment.

SCN: 29-910502
Title: Unmanned Ground Vehicles (UGV)
Category: Science, Technology, Systems, and Equipment
Classification: Secret
Sponsor: Unmanned Ground Vehicle Joint Project Officer
Performing Activity: AMSAA
Time Frame: Long Range
Status: Completed March 1992
DTIC No.: AD-B164352L
Summary:

Identify warfighting missions UGVs can effectively perform based on both the opportunities presented by the technology and on current, identified deficiencies.

SCN: 29-910503
Title: Night Enhancement Capabilities for MAGTF
Close Combat Operations
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: PRC
Time Frame: Mid-Range
Status: Staffing
DTIC No.: To be assigned upon study completion
Summary:

Determine the most appropriate and effective night enhancement capabilities for close combat during the period 1995-2004.

SCN: 29-910504
Title: Small Arms Master Plan
Category: Science, Technology, Systems, and
Equipment
Classification: Confidential
Sponsor: MARCORSYSCOM
Performing Activity: Radian
Time Frame: Mid-Range
Status: Staffing
DTIC No.: To be assigned upon study completion
Summary:

To support concept development and determine the most appropriate and effective means of enhancing small arms capabilities during the period 1994-2015.

SCN: 29-910505
CNA No.: CRM 90-253
Title: Life-Cycle Costs of Advanced Amphibious
Assault System Candidates
Category: Science, Technology, Systems, and
Equipment
Classification: For Official Use Only
Sponsor: MARCORSYSCOM
Performing Activity: CNA
Time Frame: Long Range
Status: Completed January 1991
DTIC No.: AD-B162359
Summary:

Provides life-cycle cost estimates for those options and for certain amphibious ships and craft, the quantities of which could be reduced by the choice of the AAA option.

SCN: 29-910506
CNA No.: CNR 182
Title: **Advanced Amphibious Assault (AAA) Program
COEA: Summary Report**
Category: Science, Technology, Systems, and
Equipment
Classification: Secret/NOFORN
Sponsor: MARCORSYSCOM
Performing Activity: CNA
Time Frame: Long Range
Status: Completed March 1991
DTIC No.: N/A
Summary:

Milestone I Cost and Operational Effectiveness Analysis
of the Advanced Amphibious Assault (AAA) system.

SCN: 29-910507
CNA No.: CRM 90-252
Title: **Examination of Cueing Errors for LAAD
Teams**
Category: Science, Technology, Systems, and
Equipment
Classification: Confidential
Sponsor: MCCDC and MAWTS-1
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed March 1991
DTIC No.: Pending
Summary:

The cause and severity of cueing errors from two cueing
systems for Low-Altitude Air Defense (LAAD) are examined.

SCN: 29-910508
CNA No.: CRM 91-1
Title: **HAWK Missile Systems Aboard AFOE Shipping**
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: CNA
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed March 1991
DTIC No.: AD-B163228
Summary:

The feasibility of deploying the HAWK missile system on
board strategic sealift ships for limited AAW self defense is
investigated.

SCN: 29-910509
CNA No.: CRM 91-88
Title: Revised Life-Cycle of Advanced Amphibious Assault System Candidates
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MARCORSYSCOM
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed April 1991
DTIC No.: AD-B163578
Summary:

Impact of cost estimate changes are analyzed as related to the Advanced Amphibious Assault system.

SCN: 29-910510
CNA No.: CIM 150
Title: Marine Corps Combat Element Mobility Requirements for Mobile Maintenance Facilities
Category: Science, Technology, Systems, and Equipment
Classification: For Official Use Only
Sponsor: HQMC (AVN)
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed July 1991
DTIC No.: Pending
Summary:

Assesses the mobility footprint of the mobile maintenance facilities of various MAGTFs.

SCN: 29-910511
CNA No.: CRM 91-192
Title: Survey of Systems for MAGTF Training
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: FMFPAC
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed October 1991
DTIC No.: AD-B163277
Summary:

Results of a survey of training devices and simulations by CNA and staff members of CG FMFPAC to determine whether these components could be integrated into an overall system.

SCN: 29-910512
CNA No.: CRM 91-222
Title: **Cost and Operational Effectiveness
Analysis of the SMAW Block Upgrade**
Category: Science, Technology, Systems, and
Equipment
Classification: Confidential
Sponsor: MARCORSYSCOM
Performing Activity: CNA
Time Frame: Short Range
Status: Completed November 1991
DTIC No.: N/A
Summary:

Compares the cost and effectiveness of the shoulder-launched multipurpose assault weapon (SMAW) to the upgraded version and the disposable version.

SCN: 29-910513
CNA No.: CIM 196
Title: **Data and Sources for the Marine Corps
Portable Avionics Test Set**
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: HQMC (AVN)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed October 1991
DTIC No.: Pending
Summary:

Investigation of alternate repair options associated with the repair of avionics components on a portable version of the Consolidated Automated Support System (CASS).

SCN: 29-910514
CNA No.: CIM 91-172
Title: **Roll-On/Roll-Off Discharge Facility:
Operations Analysis**
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: CNA
Time Frame: Short Range
Status: Completed October 1991
DTIC No.: Pending
Summary:

Investigation of the engineering, operational, and environmental issues affecting RRDFs.

SCN: 29-910601
Title: Wargaming in Support of the POM Process
(Phase I)
Category: Management
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: DDI
Time Frame: Mid-Range
Status: Completed September 1992
DTIC No.: Pending
Summary:

To determine which wargames can best support the PPBS process and to define procedures that will integrate those wargames into the process.

SCN: 29-910602
CNA No.: CIM 134
Title: User's Manual for the Marine Corps
Training Ammunition Requirements
Management System (TARMS)
Category: Management
Classification: Unclassified
Sponsor: MAGTEC
Performing Activity: CNA
Time Frame: Short Range
Status: Completed July 1991
DTIC No.: AD-B163087
Summary:

Provides documentation and guidelines for the users of the Training Ammunition Requirements Management System (TARMS)

SCN: 29-910603
CNA No.: CRM 91-120
Title: Data Quality for Automotive Maintenance
Phase of the Marine Corps Job Performance
Measurement (JPM) Project
Category: Management
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed August 1991
DTIC No.: Not held by DTIC
Summary:

Examination of the quality of data collected for the automotive maintenance portion of the Marine Corps Job Performance Measurement project, and describes measures taken to minimize the effect of questionable or missing cases.

SCN: 29-910604
CNA No.: CIM 156
Title: **TARMS User's Guide: Extension for Mobilization Management**
Category: Management
Classification: Unclassified
Sponsor: MAGTEC
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed September 1991
DTIC No.: AD-B163865
Summary:

The new mobilization module for TARMS is described and users are provided with information for its maintenance and operation.

SCN: 29-910801
CNA No.: CRM 90-247
Title: **History of Maritime Patrol Aircraft (MPA) Crisis Response Activity: A Brief Look**
Category: International Security
Classification: Secret/NOFORN/WNINTEL
Sponsor: HQMC (PP&O) and OP-06
Performing Activity: CNA
Time Frame: N/A
Status: Completed December 1990
DTIC No.: N/A
Summary:

This research memorandum examines the role of Maritime Patrol Aircraft (MPA) in these crisis response actions over the past 15 years.

SCN: 29-910802
CNA No.: CRM 90-246
Title: **The Use of Naval Forces in the Post-War Era: U.S. Navy and U.S. Marine Corps Crisis Response Activity 1946 - 1989**
Category: International Security
Classification: Unclassified
Sponsor: HQMC (PP&O) and OP-06
Performing Activity: CNA
Time Frame: N/A
Status: Completed February 1991
DTIC No.: Not held by DTIC
Summary:

Since the end of WWII, U.S. Naval Forces have played a major role in at least 207 U.S. responses to international incidents and crises, exclusive of the Korean and Vietnam wars. This research memorandum summarizes these U.S. Navy and U.S. Marine Corps crisis management operations.

3.4. Fiscal Year 1992

SCN: 29-920101
CNA No.: CRM 92-85
Title: **Managing the Marine Corps' Enlisted Force in the 1990's**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed December 1992
DTIC No.: Pending
Summary:

Provide alternative strategies for meeting prescribed end strength levels over the Future Years Defense Plan (FYDP). Addresses alternative accession policies, varying continuation rates, and desired advancement profiles for enlisted Marines.

SCN: 29-920102
Title: **Manpower Requirements Assessment Survey**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: Internal Marine Corps Working Group
Time Frame: Mid-Range
Status: Staffing
DTIC No.: To be assigned upon study completion
Summary:

Develops a process that will prioritize and analyze non-FMF workload by functional area and identify workload requirements which can be streamlined, consolidated, reduced, or eliminated.

SCN: 29-920103
CNA No.: TBD
Title: **Job Performance Measurement Project**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

An in-depth research effort to validate enlistment tests and selection standards against actual measures of job performance. Particular emphasis is on the test development and administration for the electronics repair composite.

SCN: 29-920104
 CNA No.: CRM 91-127
 Title: **Analysis of Support Funding for Marine Corps Recruiting**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed January 1992
 DTIC No.: AD-A254597
 Summary:

An attempt to identify an improved method of allocating Marine Corps recruiting support funds to the districts.

SCN: 29-920105
 CNA No.: CRM 91-221
 Title: **Data Quality for the Helicopter Maintenance Phase of the Marine Corps Job Performance Measurement Project**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed January 1992
 DTIC No.: Pending
 Summary:

Examines the quality of data collected for the helicopter maintenance portion of the Marine Corps JPM project and describes measures taken to minimize the effect of questionable or missing cases.

SCN: 29-920106
 CNA No.: CRM 91-224
 Title: **Uniqueness of a Psychomotor Construct to ASVAB**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed January 1992
 DTIC No.: Pending
 Summary:

Examination of the comparability of measurement for the computerized and paper-and-pencil ASVAB tests.

SCN: 29-920107
 CNA No.: CRM 266
 Title: **An Inventory Flow Model to Investigate Transitions in Enlisted Marine Corps Endstrength**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed February 1992
 DTIC No.: Pending
 Summary:

Description of the LOTUS 1-2-3 spreadsheet designed to analyze yearly transitions between enlisted Marine Corps endstrength numbers from one fiscal year to the next.

SCN: 29-920108
 CNA No.: CRM 91-246
 Title: **Reliability of Mechanical Maintenance Performance Measures**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed February 1992
 DTIC No.: Pending
 Summary:

Examination of the reliability of two performance measures for mechanical maintenance developed by the Marine Corps Job Performance Measurement Project: Hands-on performance tests and job knowledge tests.

SCN: 29-920109
 CNA No.: CRM 91-230
 Title: **Seasonal Patterns in the Senior and Graduate Markets for Marine Recruits**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed March 1992
 DTIC No.: Pending
 Summary:

Examination of the effects the time of the has when a contract is assigned on the Delayed Entry Program.

SCN: 29-920110
CNA No.: CRM 91-242
Title: **Development and Scoring of Hands-on
Performance Tests for Mechanical
Maintenance Specialties**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed March 1992
DTIC No.: Pending
Summary:

Report on the procedures used for the development and scoring of hands-on performance tests for the mechanical phase of the Job Performance Measurement project

SCN: 29-920111
CNA No.: CRC 615
Title: **Polynomial Families of Distribution**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed March 1992
DTIC No.: Pending
Summary:

This research paper explores the theory of polynomial families.

SCN: 29-920112
CNA No.: CIM 220
Title: **Inventory Force Simulation for Enlisted
Marines**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed June 1992
DTIC No.: Pending
Summary:

Description of how the Inventory Force Simulation is run on a personal computer.

SCN: 29-920113
CNA No.: CRM 92-71
Title: **Sensitivity and Fairness of the Marine Corps Mechanical Maintenance Composite**
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed June 1992
DTIC No.: Pending
Summary:

This research memorandum analyzes the prediction of hands-on performance in the automotive mechanic occupational specialty using the Marine Corps' Mechanical Maintenance Composite.

SCN: 29-920114
CNA No.: CRM 92-36
Title: **Factor Structure and Incremental Validity of the Enhanced Computer-Administered Tests**
Category: Manpower and Personnel
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed July 1992
DTIC No.: Pending
Summary:

Investigation of new computerized predictor tests that are sensitive to traits not measured by the current ASVAB.

SCN: 29-920115
CNA No.: CRM 92-80
Title: **Computing AFQT Scores from Historical Data**
Category: Manpower and Personnel
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed August 1992
DTIC No.: Pending
Summary:

This research memorandum discuss the difficulties of interpreting historical data from the AFQT and suggests solutions.

SCN: 29-920116
 CNA No.: CRM 92-85
 Title: **Determining the Number and Composition of First-Term Reenlistments: The First-Term Alignment Plan (FTAP)**
 Category: Manpower and Personnel
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Short Range
 Status: Completed October 1992
 DTIC No.: Pending
 Summary:

Description of how the FTAP was constructed from FY 1988 through FY 1991.

SCN: 29-920117
 CNA No.: CRM 91-160
 Title: **Time in Grade: A Historical Summary for Enlisted Marine Corps' Promotions from FY 1979 through FY 1990**
 Category: Manpower and Personnel
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: N/A
 Status: Completed October 1992
 DTIC No.: Pending
 Summary:

Documentation of the slowdown in enlisted Marine promotions in the last decade.

SCN: 29-920201
 CNA No.: TBD
 Title: **Mission Area Analysis MA 60 - Training**
 Category: Concepts and Plans
 Classification: Unclassified
 Sponsor: MCCDC
 Performing Activity: CNA
 Time Frame: Mid-Range
 Status: In progress
 DTIC No.: To be assigned upon study completion
 Summary:

Addresses those activities associated with the development of training standard and the identification of training support required to conduct institutional and unit training and professional education for individuals and units.

SCN: 29-920206
Title: **Mission Area Analysis MA 45 - Health Services**
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: ASEC
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Addresses those capabilities of medical and dental support units whose mission is to conserve combat power by providing health maintenance, casualty collection, casualty treatment, and temporary hospitalization and evacuation.

SCN: 29-920208
Title: **Mission Area Analysis MAs-41 and 42 - Supply and Maintenance**
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: ASEC
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Supply; addresses those capabilities which provide air and ground amphibious forces with supply support and supply maintenance. Maintenance; addresses those capabilities required to retain material in a serviceable condition or restore it to serviceability.

SCN: 29-920210
Title: **Marine Corps Scenario Development**
Category: Concepts and Plans
Classification: Secret/NOFORN
Sponsor: MCCDC/HQMC (INTEL)
Performing Activity: Internal Marine Corps Working Group
Time Frame: Mid-Range
Status: To be initiated in FY93
DTIC No.: To be assigned upon study completion
Summary:

To define Marine Corps scenario requirements; to develop a design architecture for a family of scenarios which will support wargaming, modeling, and mid- and long-range research, development and analysis; and to develop, revise, and/or modify existing scenarios to support defined requirements

SCN: 29-920211
Title: Naval Forces and Power Projection
Category: Concepts and Plans
Classification: Unclassified
Sponsor: HQMC (Commandant)
Performing Activity: Fletcher School of Diplomacy
Time Frame: Long Range
Status: Completed October 1992
DTIC No.: Pending
Summary:

To investigate the strategic needs of future maritime forces to project power ashore.

SCN: 29-920212
CNA No.: TBD
Title: Componency/JTF Study
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: Internal Marine Corps Working Group/CNA
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Delineate the roles, (peacetime and wartime) missions, functions, and capabilities of the component commander. Identify the deficiencies of the Marine Corps component headquarters, subordinate MAGTF, and the MEF headquarters functioning as a JTF headquarters to perform the roles, missions, and functions required.

SCN: 29-920213
Title: Mission Area Analysis MA 43 -
Transportation
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: ASEC
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Addresses those functions which provide air and ground amphibious forces with capabilities for the transfer of personnel, supplies, and equipment by ground, air, or sea.

SCN: 29-920214
CNA No.: CIM 184
Title: **Concept of Operations for Electronic Warfare in MACE 2010**
Category: Concepts and Plans
Classification: Secret
Sponsor: HQMC (AVN)
Performing Activity: CNA
Time Frame: Long Range
Status: Completed January 1992
DTIC No.: N/A
Summary:

Assessment of the needs of the ACE which were addressed in the POM-94 decision process.

SCN: 29-920215
CNA No.: CIM 214
Title: **Concept of Operations and Courses of Action for Marine Air Defense in the MACE Scenario**
Category: Concepts and Plans
Classification: Confidential
Sponsor: HQMC (AVN)
Performing Activity: CNA
Time Frame: Long Range
Status: Completed April 1992
DTIC No.: Not held by DTIC
Summary:

This information memorandum updates the MACE study and reports on the concept of operations and courses of action for the air defense subfunction of Marine Corps aviation.

SCN: 29-920216
CNA No.: CIM 231
Title: **MACE 2010: OAS Concept of Operations**
Category: Concepts and Plans
Classification: Confidential
Sponsor: HQMC (AVN)
Performing Activity: CNA
Time Frame: Long Range
Status: Completed May 1992
DTIC No.: Not held by DTIC
Summary:

This information memorandum provides a concept of operations for the offensive air support function of Marine aviation.

SCN: 29-920217
 CNA No.: CIM 189
 Title: **Concept of Operations for Reconnaissance in MACE 2010**
 Category: Concepts and Plans
 Classification: Secret
 Sponsor: HQMC (AVN)
 Performing Activity: CNA
 Time Frame: Long Range
 Status: Completed October 1992
 DTIC No.: Not held by DTIC
 Summary:

The objective of this memorandum is to provide a framework for the development of a concept of operations for the air reconnaissance function of Marine Aviation.

SCN: 29-920301
 CNA No.: N/A
 Title: **FMF Force Structure Determination Model**
 Category: Operations and Force Structure
 Classification: Unclassified
 Sponsor: FMFPAC
 Performing Activity: CNA
 Time Frame: Mid-Range
 Status: Canceled
 DTIC No.: N/A
 Summary:

Determine quantitative measures to represent each variable and variable combination that affect FMF force structure and develop a zero-sum model that provides an optimal FMF force structure given specific variable input

SCN: 29-920302
 Title: **Manning and Equipping of the Combat Engineer Battalion**
 Category: Operations and Force Structure
 Classification: Unclassified
 Sponsor: FMFPAC
 Performing Activity: ASEC
 Time Frame: Mid-Range
 Status: In progress
 DTIC No.: To be assigned upon study completion
 Summary:

To identify the optimum manning and equipment for each CEB.

SCN: 29-920303
Title: Crisis Interaction Requirements Study
(CIRS) - Phase II
Category: Concept and Plans
Classification: Secret
Sponsor: HQMC (SO/LIC, PP&O)
Performing Activity: KAPOS Associates
Time Frame: Mid-Range
Status: Completed November 1992
DTIC No.: Not held by DTIC - Special Access
Information

Summary:

To create additional prototype Special Operation TACTRASITS for the SOUTHCOM and CENTCOM regions which will provide a broader regional perspective to the MAGTF Special Operations training package.

SCN: 29-920304
Title: Organizational Structure and Command
Relationships of Medical Services in the
FMF
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: FMFLANT
Performing Activity: N/A
Time Frame: Mid-Range
Status: Incorporated into SCN 29-920206
DTIC No.: N/A
Summary:

Improve continuity of medical care, planning, evacuation, regulating, responsiveness, and logistics throughout the MAGTF. Investigate the options of restructuring the medical services under a medical command (Medical Service Support Element).

SCN: 29-920305
Title: Marine Corps Air-Ground Task Force Air
Defense Organization
Category: Operations and Force Structure
Classification: Secret
Sponsor: MCCDC
Performing Activity: PSE
Time Frame: Long Term
Status: Completed January 1993
DTIC No.: Not held by DTIC
Summary:

Evaluation through 2015 of MAGTF air defense operational concepts and concepts of operations to determine their feasibility of supporting the anti-tactical ballistic missile (ATBM) mission and joint air defense interoperability requirements.

SCN: 29-920306
Title: **Measures of Effectiveness for Marine Corps
Readiness and Sustainability (Phase III)**
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: HQMC (LPM)
Performing Activity: PRC
Time Frame: Long Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

This study implements the recommendations of an earlier effort - MOE (Phases I and II) SCN 29-910302.

SCN: 29-920307
CNA No.: CRM 91-225
Title: **Marine Corps Combat Service Support
Reserve Allocation for Operation Desert
Shield/Storm**
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: CNA
Time Frame: N/A
Status: Completed December 1991
DTIC No.: Pending
Summary:

Examination of the activation of combat service support reservists for Operation Desert Shield/Storm.

SCN: 29-920308
CNA No.: CRM 91-227
Title: **Marine Corps Operations in Desert Shield/
Desert Storm - Volume I: Overview and
Summary**
Category: Operations and Force Structure
Classification: Secret
Sponsor: MCCDC
Performing Activity: CNA
Time Frame: N/A
Status: Completed August 1992
DTIC No.: Not held by DTIC
Summary:

Overview of USMC operations ashore and afloat in Operation Desert Shield/Storm.

SCN: 29-920401
Title: **Operational Requirements for the Relocation of MCAS Tustin to Twentynine Palms, CA**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: HQMC (I&L)
Performing Activity: PSE
Time Frame: Short Range
Status: Completed June 1992
DTIC No.: AD-B168173
Summary:

Addresses projected MCAS, MAG-16 and other tenants, and MCAGCC Twentynine Palms CAX operational requirements in terms of flight operations, training administrative, maintenance, and types of storage facilities.

SCN: 29-920402
Title: **Marine Corps Ground Ammunition Annual Peacetime and Mobilization Requirements Determination (1992)**
Category: Installations and Logistics
Classification: Secret
Sponsor: MAGTEC
Performing Activity: ASEC
Time Frame: Mid-Range
Status: Completed August 1992
DTIC No.: N/A
Summary:

The focus of this study is to determine, through the MCARMS methodologies, Marine Corps annual peacetime and mobilization proposed acquisition quantities for Class V(W) for the period FY94-FY99.

SCN: 29-920403
Title: **The Marine Corps and Containers**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: N/A
Time Frame: Long Range
Status: Canceled
DTIC No.: N/A
Summary:

Develop a concept of container usage based upon lessons learned during Operation Desert Shield/Storm and will project Marine Corps container utilization through the year 2010.

SCN: 29-920404
 CNA No.: N/A
 Title: **Validation and Maintenance of the Logistic Factors File (LFF) for the Marine Corps**
 Category: Installations and Logistics
 Classification: Unclassified
 Sponsor: HQMC (I&L)
 Performing Activity: CNA
 Time Frame: Mid-Range
 Status: Canceled
 DTIC No.: N/A
 Summary:

Validate, modify, and propose a service maintenance process to the LFF in order to obtain more accurate supply consumption factors.

SCN: 29-920405
 CNA No.: TBD
 Title: **Use of Alternate Support to Perform Maintenance that is Beyond Inherent Command Capabilities**
 Category: Installations and Logistics
 Classification: Unclassified
 Sponsor: MCAGCC
 Performing Activity: CNA
 Time Frame: Mid-Range
 Status: In progress
 DTIC No.: To be assigned upon study completion
 Summary:

To determine the optimum approach to provide maintenance support for Marine Corps tactical equipment located in the MCAGCC Equipment Allowance Pool (EAP).

SCN: 29-920406
 Title: **Amphibious Warfare School CSS Sustainment and Supportability Capabilities**
 Category: Installations and Logistics
 Classification: Unclassified
 Sponsor: MCCDC
 Performing Activity: ASEC
 Time Frame: Mid-Range
 Status: Completed May 1992
 DTIC No.: Pending
 Summary:

Develop a prototype wargaming/simulation device which will expand and reinforce the CSS knowledge which Marine captains of any MOS should master prior to graduation.

SCN: 29-920407
 Title: CSS Task Organization Criteria
 Category: Installations and Logistics
 Classification: Unclassified
 Sponsor: MCCDC
 Performing Activity: ASEC
 Time Frame: Mid-Range
 Status: In progress
 DTIC No.: To be assigned upon study completion
 Summary:

Determine how the personnel criteria and task organization procedures currently in place should be redesigned to meet operational requirements in 1995 and beyond.

SCN: 29-920408
 Title: Depot Maintenance Activity Review
 Category: Installations and Logistics
 Classification: Unclassified
 Sponsor: HQMC (I&L)
 Performing Activity: PRC
 Time Frame: Long Range
 Status: In progress
 DTIC No.: To be assigned upon study completion
 Summary:

Develop a long range program that addresses the depot maintenance capabilities necessary to meet the future requirements of the Marine Corps for the next fifteen years.

SCN: 29-920409
 CNA No.: TBD
 Title: Marine Aviation Logistics Support in SWA
 Category: Installations and Logistics
 Classification: Unclassified
 Sponsor: FMFPAC
 Performing Activity: CNA
 Time Frame: N/A
 Status: In progress
 DTIC No.: To be assigned upon study completion
 Summary:

Examines the effectiveness of Marine Aviation Logistics during Operation Desert Shield/Storm.

SCN: 29-920410
CNA No.: TBD
Title: **Planning Factors Approach (Phase II)**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: MCCDC/HQMC (I&L/R&P)
Performing Activity: CNA
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Develop a methodology for determining planning factors for all classes of supplies and reconcile the competing needs of both acquisition issues for the POM and sustainability issues for MAGTF planners.

SCN: 29-920411
CNA No.: CRM 91-206
Title: **Marine Corps Transportation Support in Operation Desert Shield/Storm**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: CNA
Time Frame: Short Range
Status: Completed January 1992
DTIC No.: Pending
Summary:

Examination of the role motor transport, materiel-handling equipment, and intra-theater air transport in supporting I MEF during Operation Desert Shield/Storm.

SCN: 29-920412
CNA No.: CRM 91-210
Title: **Marine Corps Maintenance Support in Operation Desert Shield/Storm**
Category: Installations and Logistics
Classification: Confidential
Sponsor: MCCDC
Performing Activity: CNA
Time Frame: Short Range
Status: Completed January 1992
DTIC No.: Not held by DTIC
Summary:

Examination of maintenance support to the Marine Corps forces during Operation Desert Shield/Storm.

SCN: 29-920413
CNA No.: CRM 91-209
Title: **Marine Corps Supply Support in Operation Desert Shield/Storm**
Category: Installations and Logistics
Classification: Secret
Sponsor: MCCDC
Performing Activity: CNA
Time Frame: N/A
Status: Completed February 1992
DTIC No.: Not held by DTIC
Summary:

Examination of supply support in the 1st Marine Expeditionary Force during Operation Desert Shield/Storm.

SCN: 29-920414
CNA No.: CRM 91-201
Title: **Marine Corps Engineer Support in Operation Desert Shield/Storm**
Category: Installations and Logistics
Classification: Confidential
Sponsor: MCCDC
Performing Activity: CNA
Time Frame: N/A
Status: Completed February 1992
DTIC No.: Not held by DTIC
Summary:

Examination of engineering support to Marine Corps forces during Operation Desert Shield/Storm.

SCN: 29-920414
CNA No.: CRM 92-77
Title: **The Effect of Operation Desert Shield/Storm Operations on Planned Ship Depot Maintenance**
Category: Installations and Logistics
Classification: Confidential
Sponsor: MCCDC and N8
Performing Activity: CNA
Time Frame: N/A
Status: Completed June 1992
DTIC No.: Not held by DTIC
Summary:

Review of the changes to the planned maintenance schedules of MPS ships and, for ships that experienced significant delays in maintenance, it evaluates the effect of these delays on material readiness.

SCN: 29-920415
CNA No.: CRM 92-58
Title: **Marine Corps Desert Storm Reconstruction Report - Volume III: Logistic Support of Ground Combat Forces**
Category: Installations and Logistics
Classification: Secret
Sponsor: MCCDC
Performing Activity: CNA
Time Frame: N/A
Status: Completed July 1992
DTIC No.: Not held by DTIC
Summary:

Description of Marine Combat Service Support during Operation Desert Storm. Addresses transportation, supply, engineering, maintenance, and health services.

SCN: 29-920416
CNA No.: CRM 92-115
Title: **Maintenance Site Study**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: HQMC (I&L)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed August 1992
DTIC No.: Not held by DTIC
Summary:

Examination of the options for the maintenance of equipment on MPS. The study showed that alternatives to Blount Island exist and ranks those options by cost.

SCN: 29-920501
Title: **Life Cycle Cost Analysis for the Advanced Amphibious Assault (AAA) Program**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: DRPM (AAA)
Performing Activity: ASEC
Time Frame: Long Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Develop life cycle cost analyses for the AAA program and its alternatives to meet Defense Acquisition Board milestone requirements.

SCN: 29-920502
CNA No.: TBD
Title: **Simulation Offset to Live-Fire Training**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MAGTEC
Performing Activity: CNA
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

The primary focus of the study is on training simulators and devices and how they may supplement, complement, or substitute for live-fire training using Class V(W) ammunition.

SCN: 29-920504
Title: **LAV-105 COEA**
Category: Science, Technology, Systems, and Equipment
Classification: N/A
Sponsor: LAVPM
Performing Activity: N/A
Time Frame: Mid-Range
Status: Canceled - Program Terminated
DTIC No.: N/A
Summary:

Provide a requirement based COEA for the LAV-105 program.

SCN: 29-920505
Title: **Advanced Amphibious Assault Peacetime Mission Profile**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: PRC
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Compile data that constitutes a Peacetime Mission Profile to supplement the already existing Wartime Mission Profile.

SCN: 29-920506
 Title: 155mm Moritzer Feasibility Analysis
 Category: Science, Technology, Systems, and Equipment
 Classification: Secret
 Sponsor: MARCORSYSCOM
 Performing Activity: N/A
 Time Frame: Mid-Range
 Status: Canceled
 DTIC No.: N/A
 Summary:

Analyze and evaluate the feasibility of using a base-plated howitzer, or "moritzer", in meeting the requirements for a LTWT 155 System.

SCN: 29-920507
 CNA No.: TBD
 Title: USMC Requirements for Air-Tactical Refueling Beyond the Year 2005
 Category: Science, Technology, Systems, and Equipment
 Classification: Unclassified
 Sponsor: HQMC (APW)
 Performing Activity: CNA
 Time Frame: Long Range
 Status: In progress
 DTIC No.: To be assigned upon study completion
 Summary:

Determine the number of KCX aircraft required beyond the year 2005 to include operational, training, pipeline, and attrition.

SCN: 29-920508
 CNA No.: TBD
 Title: Advanced Amphibious Assault Program COEA
 Category: Science, Technology, Systems, and Equipment
 Classification: Unclassified
 Sponsor: MARCORSYSCOM
 Performing Activity: CNA
 Time Frame: Long Range
 Status: In progress
 DTIC No.: To be assigned upon study completion
 Summary:

Updated COEA of SCN DM 901003 which was completed in July 1990. Presents the results of the Advanced Amphibious Assault Ship-to-Shore performance analysis for a MEF.

SCN: 29-920509
CNA No.: CRM 91-270
Title: **Advanced Rocket System COEA**
Category: Science, Technology, Systems, and Equipment
Classification: Secret
Sponsor: HQMC (AVN) and COMNAVAIRSYSCOM
Performing Activity: CNA
Time Frame: Long Range
Status: Completed June 1992
DTIC No.: Not held by DTIC
Summary:

COEA of the Advanced Rocket System (ARS) in support of a Milestone II decision on the program.

SCN: 29-920510
CNA No.: CRM 92-64
Title: **Susceptibility Reduction Through Terrain Masking and Air Speed**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: HQMC (AVN)
Performing Activity: CNA
Time Frame: N/A
Status: Completed July 1992
DTIC No.: Not held by DTIC
Summary:

This research memorandum describes how the altitude and airspeed of vertical takeoff landing aircraft affect the ability of a threat system to engage aircraft.

SCN: 29-920511
CNA No.: CRM 92-100
Title: **Determining the Optimal Repair Requirements for New Marine Corps Avionics Test Equipment**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: HQMC (AVN)
Performing Activity: CNA
Time Frame: Mid Range
Status: Completed August 1992
DTIC No.: Pending
Summary:

Discussion of which avionics should be tested and repaired locally on CASS for the F/A-18, AV-8B, and AH-1W.

SCN: 29-920512
CNA No.: CRM 92-155
Title: **MACE 2010: Aircraft and Systems Required for Offensive Air Support**
Category: Science, Technology, Systems, and Equipment
Classification: Secret
Sponsor: HQMC (AVN)
Performing Activity: CNA
Time Frame: Long Range
Status: Completed September 1992
DTIC No.: Not held by DTIC
Summary:

Presentation of the results of CNA's analysis of fixed-wing aircraft and systems required for the Offensive Air Support (OAS) function of Marine aviation.

SCN: 29-920601
Title: **Marine Corps Lessons Learned System**
Category: Management
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: PSE
Time Frame: Mid-Range
Status: Completed April 1992
DTIC No.: Pending
Summary:

To provide feasible alternatives on how the Marine Corps Lessons Learned System can most effectively support the Marine Corps, integrate into the Concept Based Requirements System, conduct the Remedial Action Program, and distribute both classified and unclassified operational information.

SCN: 29-920602
Title: **Mobile Electric Power (MEP) Acquisition Management Analysis**
Category: Management
Classification: Unclassified
Sponsor: HQMC (I&L)
Performing Activity: NPGS
Time Frame: Mid-Range
Status: Completed September 1992
DTIC No.: Pending
Summary:

Determine and verify adequacy of the MEP requirement and subsequent acquisition objectives for current and future MEP assets.

SCN: 29-920603
Title: **Production-Weighted Qualified Military
Availables: A Review of the Methodology
and Further Analysis**
Category: Management
Classification: Unclassified
Sponsor: HQMC (M&RA)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed December 1991
DTIC No.: Pending
Summary:

Evaluation of the method for allocating recruiters and recruiting quotas that is based on the production-weighted military availables.

SCN: 29-920604
CNA No.: CIM 188
Title: **LOTUS 1-2-3 Spreadsheet for Allocating
Marine Corps Recruiter Support Funding**
Category: Management
Classification: Unclassified
Sponsor: HQMC (AVN)
Performing Activity: CNA
Time Frame: Short Range
Status: Completed December 1991
DTIC No.: Pending
Summary:

Explanation of how to use the CNA Support Funding model to create a LOTUS 1-2-3 spreadsheet of funding allocations.

SCN: 29-920605
CNA No.: CRM 91-260
Title: **Summary of Marine Corps Operations
Analysis Group (MCOAG) Field Work -
FY 1991**
Category: Management
Classification: Unclassified
Sponsor: CNA
Performing Activity: CNA
Time Frame: N/A
Status: Completed January 1992
DTIC No.: Pending
Summary:

Summary of the work completed by the MCOAG field representative in FY 1991.

SCN: 29-920701
Title: Inter-Agency Terrorism Response Awareness Program
Category: Intelligence
Classification: Secret
Sponsor: ASD (SOLIC)
Performing Activity: KAPOs
Time Frame: Short Range
Status: Completed August 1992
DTIC No.: Not held by DTIC - Special Access Information

Summary:

Develop prototype training tools that can be used to support an inter-agency terrorism response awareness and readiness training program.

SCN: 29-920702
Title: Joint Intelligence Center-Exercise (JICEX)
Classification: Secret
Category: Intelligence
Sponsor: NMITC
Performing Activity: MSA
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion

Summary:

Revise the presently utilized tactical training situation at NMITC to reflect current doctrine in the area of Amphibious Warfare and Command and Control. The INTACTRASIT is woefully short of providing students with any meaningful background on the amphibious movement and assault phases.

SCN: 29-920703
Title: System Threat Assessment for the Tactical Combat Operations (TCO) (1992-2010)
Category: Intelligence
Classification: Secret/NOFORN
Sponsor: HQMC (INTEL)
Performing Activity: N/A
Time Frame: Long Range
Status: Canceled
DTIC No.: N/A

Summary:

Study expanded to address MTACCS - See SCN 29-920704.

SCN: 29-920704
Title: System Threat Assessment (STA) for the Marine Tactical Command and Control System (MTACCS) (1992-2010)
Category: Intelligence
Classification: Secret NOFORN
Sponsor: HQMC (INTEL)
Performing Activity: PRC
Time Frame: Long Range
Status: Completed December 1992
DTIC No.: Pending
Summary:

Assess the current and projected Russian-led confederation and regional threats to the MTACCS, especially to the communications connectivity of each MAGTF type in the full spectrum of conflict through the year 2010.

SCN: 29-920707
Title: Desert Shield/Storm Core Analysis
Category: Intelligence
Classification: Secret
Sponsor: MCCDC
Performing Activity: PSE
Time Frame: N/A
Status: Completed December 1992
DTIC No.: Pending
Summary:

The objective of this effort is to collect, organize, and analyze information collected from operations in SouthWest Asia which is part of the Battle Reconstruction Management Information System.

3.5. Fiscal Year 1993

SCN: 29-930101
Title: Personnel Requirements to Support C4I Systems/Equipment in FY97/98
Category: Manpower and Personnel
Classification: Unclassified
Sponsor: HQMC (C4I)
Performing Activity: TBD
Time Frame: Mid-Range
Status: To be initiated in FY93
DTIC No.: To be assigned upon study completion
Summary:

Determine if the optimum personnel structure is in place to support the C4I systems and individual equipment approved in the FY92-FY96 Projected Operating Material (POM).

SCN: 29-930102
 CNA No.: TBD
 Title: **Successful Recruiting and Training of Marine Corps Officers**
 Category: Manpower and Personnel
 Classification: Unclassified
 Sponsor: HQMC (M&RA)
 Performing Activity: CNA
 Time Frame: Mid-Range
 Status: In progress
 DTIC No.: To be assigned upon study completion
 Summary:

To conserve, redistribute, and best utilize limited or declining officer recruiting resources in support of the Marine Corps' officer accession requirements.

SCN: 29-930201
 Title: **Mission Area Analysis MA 11 - Command and Control**
 Category: Concepts and Plans
 Classification: Unclassified
 Sponsor: MCCDC
 Performing Activity: Internal Marine Corps Working Group/PRC
 Time Frame: Mid-Range
 Status: In progress
 DTIC No.: To be assigned upon study completion
 Summary:

Addresses the capabilities required to command and control units performing MAGTF missions to include over-horizon command and control of tactical units.

SCN: 29-930202
 Title: **Mission Area Analysis MA 44 - Expeditionary Engineering (Update)**
 Category: Concepts and Plans
 Classification: Unclassified
 Sponsor: MCCDC
 Performing Activity: Internal Marine Corps Working Group
 Time Frame: Mid-Range
 Status: To be initiated in FY93
 DTIC No.: To be assigned upon study completion
 Summary:

Addresses those capabilities related to general engineering support and service support function for the landing force as a whole.

SCN: 29-930203
Title: **Mission Area Analysis MA 22 - Ground Tactical Mobility/Counter mobility (Update)**
Category: Concepts and Plans
Classification: TBD
Sponsor: MCCDC
Performing Activity: Internal Marine Corps Working Group
Time Frame: Mid-Range
Status: To be initiated in FY93
DTIC No.: To be assigned upon study completion
Summary:

Addresses capabilities required to protect and support deployed tactical forces including those efforts directly related to combat engineer efforts providing maneuverability to combat forces. The study also addresses capabilities required to counter enemy land operations, and the suppression, neutralization or destruction of mobile elements of enemy air defense, and command and control systems.

SCN: 29-930204
Title: **Mission Area Analysis MA 46 - Services**
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: Internal Marine Corps Working Group
Time Frame: Mid-Range
Status: To be initiated in FY93
DTIC No.: To be assigned upon study completion
Summary:

Addresses those capabilities required to provide combat service support to employed expeditionary forces performing land warfare missions.

SCN: 29-930205
Title: **Mission Area Analysis MA 36 - Electronic Warfare (Update)**
Category: Concepts and Plans
Classification: TBD
Sponsor: MCCDC
Performing Activity: Internal Marine Corps Working Group
Time Frame: Mid-Range
Status: To be initiated in FY93
DTIC No.: To be assigned upon study completion
Summary:

Addresses those capabilities to collect, process, and disseminate information and intelligence in support of air, land and amphibious operations.

SCN: 29-930206
Title: Mission Area Analysis MA 12 - Intelligence (Update)
Category: Concepts and Plans
Classification: TBD
Sponsor: MCCDC
Performing Activity: Internal Marine Corps Working Group
Time Frame: Mid-Range
Status: To be initiated in FY93
DTIC No.: To be assigned upon study completion
Summary:

Addresses the capabilities to collect, process, and disseminate information and intelligence in support of air, land, and amphibious operations.

SCN: 29-930207
Title: Mission Area Analysis MA 23 - Close Combat (Update)
Category: Concepts and Plans
Classification: TBD
Sponsor: MCCDC
Performing Activity: Internal Marine Corps Working Group
Time Frame: Mid-Range
Status: To be initiated in FY93
DTIC No.: To be assigned upon study completion
Summary:

Addresses those capabilities and support related to the use of tactical combat power to locate, close with, and destroy the enemy by fire and maneuver.

SCN: 29-930208
Title: Mission Area Analysis MA 13 - Security
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: Internal Marine Corps Working Group/PRC
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Addresses those capabilities for maintaining a defensive posture against actions that include conventional, unconventional, terrorist, chemical, nuclear, and biological attacks.

SCN: 29-930209
Title: **Mission Area Analysis MA 15 - Special Operations**
Category: Concepts and Plans
Classification: TBD
Sponsor: MCCDC
Performing Activity: Internal Marine Corps Working Group
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Addresses those capabilities required to conduct operations by specially trained, equipped, and organized forces when use of conventional forces is either inappropriate or infeasible.

SCN: 29-930210
Title: **Remotely Determining Suitability of Amphibious Landing Beaches**
Category: Concepts and Plans
Classification: Unclassified
Sponsor: HQMC (Intel)
Performing Activity: TBD
Time Frame: Mid-Range
Status: To be initiated in FY93
DTIC No.: To be assigned upon study completion
Summary:

Identify current and projected non-DoD coastal data bases which could be used by MCIC to provide updated and current coastal information to deploying or forces preparing to conduct amphibious operations.

SCN: 29-930211
Title: **Capabilities Review System (CRS)**
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: TBD
Time Frame: Mid-Range
Status: To be initiated in FY93
DTIC No.: To be assigned upon study completion
Summary:

Determine CRS functional requirements, determine and technically define the associated Combat Development Process (CDP) and CRS process.

SCN: 29-930212
Title: Rapid Deployment of Expeditionary Airfield
(EAF) Equipment
Category: Concepts and Plans
Classification: Unclassified
Sponsor: FMFPAC
Performing Activity: TBD
Time Frame: Mid-Range
Status: To be initiated in FY93
DTIC No.: To be assigned upon study completion
Summary:

Determine the availability of more deployable EAF equipment and/or identify better deployment methods in order to enhance deployment of the MAGTF Aviation Combat Element and increase flexibility.

SCN: 29-930213
Title: Mission Area Analysis MA-24 - Fire Support
Category: Concepts and Plans
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: Internal Marine Corps Working Group/PRC
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Addresses those conventional, nuclear, and chemical capabilities and support related to the use of tactical combat power against threat ground maneuver forces .

SCN: 29-930214
CNA No.: CRM 92-18
Title: MACE 2010 Electronic Warfare Effectiveness
Category: Concepts and Plans
Classification: Secret
Sponsor: HQMC (AVN)
Performing Activity: CNA
Time Frame: Long Range
Status: Completed October 1992
DTIC No.: N/A
Summary:

Study concentrates on the EW aspects of the MACE 2010 effort. Description of the effectiveness analysis of various force mixes.

SCN: 29-930215
 CNA No.: CIM 215
 Title: **Marine Aviation Combat Element (MACE)
 2010: Assault Support Transport Concept
 of Operations**
 Category: Concepts and Plans
 Classification: Confidential
 Sponsor: HQMC (AVN)
 Performing Activity: CNA
 Time Frame: Long Range
 Status: Completed May 1992
 DTIC No.: Not held by DTIC
 Summary:

Discussion of the Assault Support Transport (AST) function of Marine Aviation, including the role of AST in 2010.

SCN: 29-930301
 Title: **OPTEMPO and Readiness**
 Category: Operations and Force Structure
 Classification: Unclassified
 Sponsor: MCCDC
 Performing Activity: TBD
 Time Frame: Mid-Range
 Status: To be initiated in FY93
 DTIC No.: To be assigned upon study completion
 Summary:

Develop a methodology to measure the effect changes in ground OPTEMPO have on readiness. Specifically, determine how ground OPTEMPO as measured by battalion field training days (BFTD) equates to readiness.

SCN: 29-930302
 CNA No.: CRM 91-208
 Title: **Marine Corps Combat Service Support Task
 Organization in Operation Desert
 Shield/Storm**
 Category: Operations and Force Structure
 Classification: Unclassified
 Sponsor: MCCDC
 Performing Activity: CNA
 Time Frame: N/A
 Status: Completed Oct 1992
 DTIC No.: Pending
 Summary:

Description of the task organization of the 1st Service Support Group during Operation Desert Shield/Storm. Provides a preliminary assessment of the ability of 1st FSSG to support MARCENT forces.

SCN: 29-930303
CNA No.: CRM 92-52
Title: **MACE 2010 Project Wargame Final Report**
Category: Operations and Force Structure
Classification: Unclassified
Sponsor: HQMC (AVN)
Performing Activity: CNA
Time Frame: N/A
Status: Completed Oct 1993
DTIC No.: Pending
Summary:

Final report of wargame which exercised two different ACE structures - one high technology and the other reflected the minimum required capabilities.

SCN: 29-930401
Title: **Planning Factors Approach -(Phase III)**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: CNA
Time Frame: Mid-Range
Status: To be initiated in FY93
DTIC No.: To be assigned upon study completion
Summary:

Develop a methodology for determining planning factors for all classes of supplies. The methodology shall attempt to reconcile the sometimes competing exigencies of both acquisition issues for the POM and sustainability issues for MAGTF planners.

SCN: 29-930402
Title: **Battle Damage Assessment and Repair**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: HQMC (I&L)
Performing Activity: TBD
Time Frame: Mid-Range
Status: To be initiated in FY93
DTIC No.: To be assigned upon study completion
Summary:

Provide an analytical basis to establish a formal program including the following elements: (1) Researching and developing new repair techniques, (2) Training programs which introduce journeyman-level mechanics to BDAR, (3) Including allowances for overall battle damage repair requirements in the spare parts program, (4) Development of BDAR doctrine and policy.

SCN: 29-930403
 Title: Automation of Marine Corps Exercise Building, Personnel, Supply, and Maintenance Modules for Use Within the CSS Training Simulation System
 Category: Installations and Logistics
 Classification: Unclassified
 Sponsor: MCCDC
 Performing Activity: TBD
 Time Frame: Mid-Range
 Status: To be initiated in FY93
 DTIC No.: To be assigned upon study completion
 Summary:

Automate the capability to build Marine Corps units and their inherent task organization capabilities for use in unit CPXs and LOGEX 93 and 94.

SCN: 29-930404
 Title: Dry Cell Battery Support to the Fleet Marine Force
 Category: Installations and Logistics
 Classification: Unclassified
 Sponsor: HQMC (I&L)
 Performing Activity: TBD
 Time Frame: Mid-Range
 Status: To be initiated in FY93
 DTIC No.: To be assigned upon study completion
 Summary:

Develop a method for the identification of Marine Corps battery-supported equipment and consumption rates that reflect the Marine Corps' concept of operations. Additionally, improve planning for battery consumption in combat situations.

SCN: 29-930405
 Title: Impacts of Emerging Technologies on Marine Corps Retail-Level Supply and Maintenance Functions
 Category: Installations and Logistics
 Classification: Unclassified
 Sponsor: HQMC (I&L)
 Performing Activity: TBD
 Time Frame: Mid-Range
 Status: To be initiated in FY93
 DTIC No.: To be assigned upon study completion
 Summary:

Determine areas of retail-level supply and maintenance that are manpower intensive and/or bottlenecked, and examine integrated applications of advanced and/or emerging technologies that can solve those problems.

SCN: 29-930406
Title: **Supporting Establishment Care-In-Storage (CIS) Requirements**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: HQMC (I&L)
Performing Activity: TBD
Time Frame: Mid-Range
Status: To be initiated in FY93
DTIC No.: To be assigned upon study completion
Summary:

Provide an assessment of Marine Corps Care-In-Storage capabilities/utilization versus requirements. This study should result in O&M savings and increased combat capability provided through a better maintenance system.

SCN: 29-930407
Title: **Contaminated Fluid Purification**
Category: Installations and Logistics
Classification: Unclassified
Sponsor: HQMC (I&L)
Performing Activity: TBD
Time Frame: Mid-Range
Status: To be initiated in FY93
DTIC No.: To be assigned upon study completion
Summary:

Determine the costs and benefits associated with decontamination of petroleum, oils, lubricants (POL) and other fluids as compared to the purchase of new fluids. Provide an assessment of the cost and effectiveness of various purification equipment being utilized by the Marine Corps.

SCN: 29-930501
Title: **Joint Tactical Information Distribution System (JTIDS) Needs of the MAGTF**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: TBD
Time Frame: Mid-Range
Status: To be initiated in FY93
DTIC No.: To be assigned upon study completion
Summary:

Determine how many JTIDS terminals will be required to support one notional MAGTF in both single-service and joint operations as well as the number of JTIDS terminals required by each command and control agency to operate over the desired TADIL-J nets.

SCN: 29-930502
Title: **Mobile Electric Power Optimization Model**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: NPS
Time Frame: Mid-Range
Status: Completed December 1992
DTIC No.: AD-B169029
Summary:

Develop a methodology that can be used to determine the type and quantity of mobile electric power generators necessary to meet current and future total Marine Corps electrical demand.

SCN: 29-930503
Title: **Object-Oriented Modeling and Analysis of a Marine Corps Communications Architecture**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: NPS
Time Frame: Mid-Range
Status: Completed December 1992
DTIC No.: AD-A246995
Summary:

Develop a communications architecture analysis model which will give decision makers, analysts, and communications officers the ability to quantify the effectiveness of alternative tactical radio system configurations within a given MAGTF.

SCN: 29-930504
Title: **Medium Tactical Vehicle Replacement (MTVR)**
COEA
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Evaluate and compare the alternatives for replacing the existing fleet of M809 and M939 series 5 ton medium tactical trucks.

SCN: 29-930505
Title: Tactical Combat Operations (TCO) COEA
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Analyze the requirements and alternatives relative to the TCO functions of MTACCS developed to date and provide recommendations to the proponent, program office, and the decision making authority.

SCN: 29-930506
Title: LAV Day/Night Sight COEA
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Completed January 1993
DTIC No.: Pending
Summary:

Compare and evaluate various day/night sight alternatives for LAVs and determine their operational/cost effectiveness.

SCN: 29-930507
Title: Technical Control and Analysis Center Product Improvement Program COEA
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Completed February 1993
DTIC No.: Pending
Summary:

Compare and evaluate various Technical Control and Analysis Center improvement alternatives and determine their operational/cost effectiveness.

SCN: 29-930508
Title: M9 Armored Combat Earthmover (ACE) COEA
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Completed December 1992
DTIC No.: Pending
Summary:

Compare and evaluate various options for an armored combat earthmover and determine their operational/cost effectiveness.

SCN: 29-930509
Title: 81mm Infrared Flare Mortars Cartridges (IMC) COEA
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: Completed December 1993
DTIC No.: Pending
Summary:

Compare and evaluate various options for infrared flare mortar cartridge alternatives and determine their operational/cost effectiveness.

SCN: 29-930510
Title: Ground Based Integrated Air Defense Command, Control and Early Warning System COEA
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Compare and evaluate various options for ground based integrated air defense command, control and early warning systems and determine their operational/cost effectiveness.

SCN: 29-930511
Title: Automated Nuclear, Biological, and
Chemical Hazard Information and Warning
(NBC HAZWARN) System COEA
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Compare and evaluate various options for NBC HAZWARN systems and determine their operational/cost effectiveness.

SCN: 29-930512
Title: Amphibious Vehicle Mine Neutralization
System (Mineplow/Rake) COEA
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Compare and evaluate various options for an amphibious vehicle mine neutralization system and determine their operational/cost effectiveness.

SCN: 29-930513
Title: Muzzle Velocity Measuring Set COEA
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Compare and evaluate various options for a muzzle velocity test set.

SCN: 29-930514
Title: **MAGTF Secondary Imagery Discrimination System COEA**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Compare and evaluate the military utility of alternatives which satisfy the requirement for a MAGTF Secondary Imagery Discrimination System (SIDS)

SCN: 29-930515
Title: **Combat Shotgun COEA**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Compare and evaluate the various candidates for combat shotgun in support of a Milestone I decision.

SCN: 29-930516
Title: **Digital Circuit Card Tester COEA**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Analysis of the various options to improve or replace the AN/TTC-42 Unit Level Circuit Switch.

SCN: 29-930517
Title: Hybrid Mobile Direct Air Support Central
(HMDASC) COEA
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Analysis of HMDASC alternatives in support of a Milestone I decision.

SCN: 29-930518
Title: Light Strike Vehicle (LSV) COEA
Category: Science, Technology, Systems, and
Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Analysis of LSV alternatives in support of a Milestone I decision.

SCN: 29-930519
Title: Connectivity to the U.S. Army GUARDRAIL
System COEA
Category: Science, Technology, Systems and
Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Analysis of options available for the Marine Corps to be able to interface with the Army's GUARDRAIL System.

SCN: 29-930520
Title: **Magnetic Countermining System COEA**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Evaluation of various magnetic countermining system alternatives in support of a Milestone I decision.

SCN: 29-930521
Title: **Improved Rigid Raiding Craft (IRRC) COEA**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: In progress
DTIC No.: To be assigned upon study completion
Summary:

Analysis of the various IRRC options available in support of a Milestone I decision.

SCN: 29-930522
CNA No.: CRM 91-255
Title: **Costs and Requirements for the CASS Portable Test Set**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: HQMC (AVN)
Performing Activity: CNA
Time Frame: Mid-Range
Status: Completed April 1992
DTIC No.: Pending
Summary:

Proposes a method for determining which avionics systems are most cost effective to repair on CASS Portable Sets (CPTS).

SCN: 29-930523
Title: **Third Echelon Test Set**
Category: Science, Technology, Systems, and Equipment
Classification: Unclassified
Sponsor: MCCDC
Performing Activity: MCCDC S&A Division (Analysis Branch)/PSE
Time Frame: Mid-Range
Status: In progress
DTIC No.: Pending
Summary:

Analysis of the various test set options available for a Milestone I decision.

SCN: 29-930701
Title: **Update and Expansion of the Expeditionary Intelligence Study 1-89**
Category: Intelligence
Classification: Unclassified
Sponsor: HQMC (INTEL)
Performing Activity: TBD
Time Frame: Mid-Range
Status: To be initiated in FY93
DTIC No.: To be assigned upon study completion
Summary:

Update and expand the original Expeditionary Intelligence Study as follows: (1) Clarify and requalify the mission area factors included in the previous Volume III. (2) Add Volume III information for 12 additional countries. (3) Include additional mission area factors for all countries to be identified. (4) Provide source information for revised and new mission area factors.

SCN: 29-930702
Title: **Joint Intelligence Center Exercise (JICEX)/Field Exercise (FEX) Intelligence Training Scenario Situation (INTACTRASIT)**
Category: Intelligence
Classification: TBD
Performing Activity: TBD
Time Frame: Mid-Range
Status: To be initiated in FY93
DTIC No.: To be assigned upon study completion
Summary:

Develop a JICEX/FEX Intelligence Tactical Training Situation for the Middle East based upon the current world situation. Additionally, develop a self-paced instructional package based upon the new scenario.

APPENDIX 1

STUDIES CONTROL NUMBERING SYSTEM FY 1990

1. All SCNs contain the Marine Corps DTIC accession indicator "DM" followed by six digits positioned as described below:

a. The first two positions indicate the last two digits of the fiscal year.

b. The third and fourth positions contain two digits identifying the category:

- 01 = Manpower/Personnel/Force Structure
- 02 = Intelligence
- 03 = Operations/Plans/Scenarios
- 04 = Combat Service Support (I&L)
- 05 = Training
- 06 = Ground Combat
- 07 = Aviation
- 08 = Medical
- 09 = Command, Control, Communications
- 10 = Amphibious Warfare
- 11 = Special Operations/Security
- 12 = Science and Technology (R&D)
- 13 = Mission Area Analysis
- 14 = Navy Sponsored Study
- 15 = Army Sponsored Study
- 16 = Air Force Sponsored Study
- 17 = OSD Sponsored Study
- 18 = Miscellaneous

c. The fifth and sixth positions contain a sequence number for each category.

APPENDIX 2

STUDIES CONTROL NUMBERING SYSTEM FY 1991 - PRESENT

1. All SCNs contain the Marine Corps DTIC accession indicator "29" followed by six digits positioned as described below:

a. The first two positions indicate the last two digits of the fiscal year.

b. The third and fourth positions contain two digits identifying the category:

- 01 = Manpower and Personnel
- 02 = Concepts and Plans
- 03 = Operations and Force Structure
- 04 = Installations and Logistics
- 05 = Sciences, Technology, Systems, and Equipment
- 06 = Management
- 07 = Intelligence
- 08 = International Security

c. The fifth and sixth positions contain a sequence number for each category.